The Daily Report



Sundeck adds new space for outdoor life

activities that can be held footing since pressure on this imaginative treated wood is the on this imaginative sundeck. It rambles the length of the house and contact with the soil. includes three activity Use a level to make areas: a setting for a hot tub, a large open space for cocktail parties, sunbathing or dinner parties, and a shaded area with a built-in bench for daylight relaxation.

The owners proved the worth of this deck by holding their daughter's wedding on it. The deck proved an excellent setting. as guests watched from the surrounding garden area.
Then the deck was transformed into an outdoor party area for the

The homeowners' delight with the activities they can hold on the deck is matched by their pleasure in the maintenance-free assets of

With decking, there's no maintenance," said the lady of the house. Now she's planning to have a second deck built alongside the house in an area that would have required substantial

landscaping and sodding.
This deck is particularly maintenance-free because it was built of pressure treated lumber, the wood that has been impregnated with preservatives to prevent damage from decay or termites. The Forest Products Laboratory of the Department of Agriculture reports that pressure treated wood can be expected to last 50 years or more when used outdoors in temperate climates. It requires no stain or paint, although it will take any kind of finish that can be used on untreated wood.

To build a deck like this, you should start by sketching a design that will fit the configuration of your house and yard and provide the space required for the activities you want to enjoy. Check with your local lumber dealer or municipal building department to obtain specific recommendations for obtain

footings in your area.

There are many footings that can be used. The simplest are pressure treated posts embedded directly into the ground. Once the vertical posts are in place, you can fill the hole with concrete or welltamped soil or gravel. Some prefer to dig a deeper hole and place a concrete pad at

recommended material for

Use a level to make sure posts are at the same height throughout. Continue to use the level during all phases of construction.

Posts should be close enough together so that when 4" X 6" pressure treated beams are laid across them (resting on the side(there is no sagging under normal weights. They should be no more than 4 feet apart. Beams should be fastened to the posts by cleats on opposite sides of the posts, angle irons or metal straps. Your lumber dealer or improvement center can advise you on the use of these fixtures.

On the house side of the deck, bolt a pressure treated 2 X 8 or 2 X 10 to the house, framing the entire length of the deck at the level you want your support beams. Fasten joist hangers to the board to hold each of the beams.

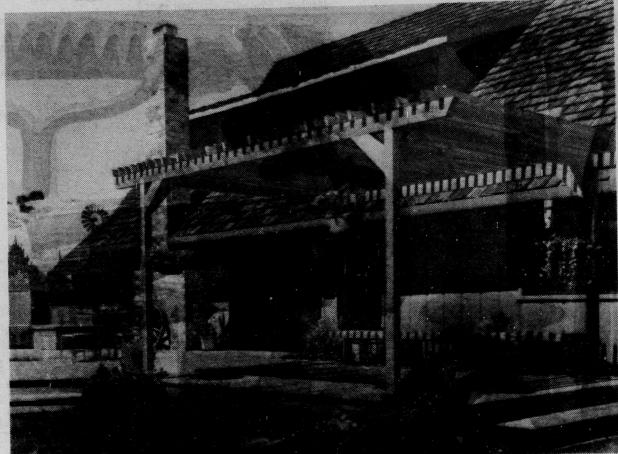
Be sure deck boards are dry to avoid shrinkage. The deck boards are then nailed onto the beams, in the same manner as an inside floor is installed over floor joists. You can use either 2" X 4" or 2" X 6" pressure treated deck boards, depending on the appearance you desire. The 2 X 6s will require fewer boards and, consequently, less nailing. Be sure to use hot-dipped galvanized nails to avoid discoloration of the wood from rust. By using nails as spacers between deck boards, you can obtain standard spacing spacing throughout. carpenters prefer a larger space between boards, which requires careful placement of the boards for

consistent spacing.

If you use 2 X 4s, two nails per beam will suffice on each deckboard. For 2 X 6s, use three nails.

6s for facing on all exposed sides of the deck. Steps from the deck should be made of pressure treated wood, also.

Pressure treated lumber, posts, and poles are available in a variety of species and grades. Ask our lumber dealer or building supply center to end the s



A patio cover and built-in bench at one end of this spacious deck offer outdoor relaxation during daylight or evening hours. They provide an in-timate setting for cocktails or lunch, while the

open space is ideal for large-scale entertaining or sunbathing. The entire project were built of pressure treated wood, treated with preservatives for resistance to insects and decay.

your specific use.

Pressure treatment does not change the characteristics of the wood, except that it is now decayproof and termite-proof.
The Uniform Building

Code, the code widely recognized in western states, requires that wood used in important structural members in ground contact be pressure treated. This means that pressure

treated wood is the best material you can use for support members in decks, as well as for deck boards themselves.

When you purchase pressure treated wood, much of it will have a light green or copper green tint. In time this will weather to an attractive silver-gray

Pressure treated lumber products are subject to

American Wood Preservers Bureau (AWPB), an independent organization established to ensure that producers meet proper treating requirements. Lumber stamped with the AWPB-2 Quality Mark is for above ground use. Lumber marked AWPB LP-22 is for ground contact use. The Western Wood Preservers

strict quality control Institute recommends LP-standards set by the 22 wood for all outdoor 22 wood for all outdoor residential projects. Always look for these marks as your assurance of quality

Wood can also be treated with a variety of substances by dipping or spraying, but these methods provide only superficial preservation and are not recommended for any projects where durability is required.

'Fix it up' mood

Consumers turning practical as the economy worsens

NEW YORK (UPI) — A consumer survey by a group of business publications sounds like World War II all over again, when patriotic Americans were urged to: "Use it up,

- 'Make it do.
- "Fix it up, 'Or do without."

The consumer buying trends forecast by American Business Press, Inc. members for 1980 indicates sales of new home air conditioners will drop — but business for contractors and repairmen will pick up as people fix up their existing heating, air conditioning, refrigeration and

"Consumers turn practical during economic downturns," says one member magazine. "The energy crisis alone will make most consumers home oriented and home improvements are expected to be the natural

Gasoline shortages that keep people home are also expected to create more demand for rental equipment by homeowners who will have more time for do-it-

are expected to increase. But major appliance sales will suffer, one magazine forecasts — except for microwave oven-ranges, which have earned a reputation as energy

and time savers.

"Appliance" magazine expects a sales growth of about 330,000 units of microwave oven-ranges next year — a 12 percent increase over the projected unit sales this year of 2.75 million.

Another member magazine expects the drycleaning business to improve a little, for two reasons. With about 60 percent of American wives in the work force, they have less time for washing clothes at home or using do-ityourself drycleaning facilities. In addition, more people are wearing woolen clothing to offset lower indoor temperatures, and many woolen garments require dry-

time at home is also expected to help sales of electronic products such as color television sets, home computers, video tape recorders and video games and ys, the survey indicated.

Appliance Manufacturer magazine also predicts an

homeowners who will have more time for do-it-yourself home improvements — insulating walls and ceilings, fixing plumbing, adding a room or two.

Lawn and garden improvements are also expected to benefit from the stay-at-home and DIY trends.

Consumer purchases of small-ticket household arrivages such as electric blanks a room and polars. The stay are the

Windows get another look by energy students

By HERB LAWRENCE Copley News Service A window.

Up to now, it's usually been taken for granted as a necessary space in the wall.

It's been something to peep through to see how the weather is, whether the mailman is coming or who's ringing the doorbell.

But today, windows are getting a second look. Research suggests that they can play a key role in the energy crunch. And the finding will change the way windows are put into buildings and how they are

The architectural firm of Drake, Sillman and Wyman found, in research for the federal government earlier this year, that placement of windows is highly

"Putting skylights into the roof of a building," said architect Larry Sillman, can provide more natural light and enable people using or living in the building to cut their light bill.

If enough additional lighting comes in through natural light openings, then you can trim your electricity use."

Shop for best rates on home improvements

Although home improvement loans are readily available from banks, finance companies and some contractors, shop around for the best rates.

The price you pay for financing a loan and the terms offered may vary greatly, says the Lenders Council of the National Improvement Home

A bank passbook loan, for example, may be the cheapest type of loan available. When you borrow against the money in your savings account, the bank will usually finance a loan at a net interest cost of about two percent or so.

The only drawback with this type of loan is that the savings must remain in the account as collateral until the loan is paid off.

Another possibility to investigate is your life insurance policy. Your insurance policy may be set up in such a way that you can borrow, at low interest, an amount equal to its built-

And when electricity use is cut, less oil has to be burned in power plants to produce it

The firm did its study on a commercial center, but some of the findings can be applied in residential buildings as well. Some new housing projects include skylights, and the trend may increase in the future.

Sillman said it's also important to position buildings properly to catch more natural light and heat.

Meanwhile, research done by a Lawrence Berkeley Laboratory research team shows that 5 percent of the nation's total energy consumption can be slashed by using windows

properly.

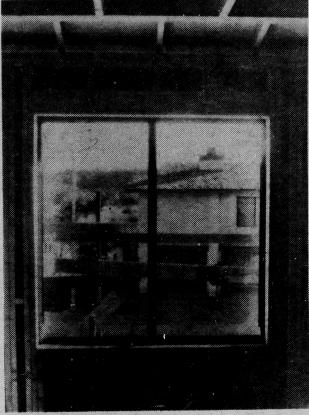
The lab is operated by the University of California under contract with the federal Department of

It is investigating the thermodynamic properties of panes, shades, screens and other window and skylight components.

Researchers are testing products already on the market, working with the window industry to simulate new energy-saving designs, and helping architects develop and promote improved design techniques.

Researchers say too little is known about the complex array of forces acting on windows, which drain a quarter of the energy used to heat, cool and light homes and offices.

"The trade-offs are complex and often puzzling," says Stephen Selkowitz, who, with Sam Berman, heads the window research group. "We are research group. trying to simultaneously



Scientists and researchers are taking a new look at windows as potential energy savers. Research is now showing that the placement and type of windows in a house play a key role in energy conservation.

plug a vast energy drain and harness a useful resource,"

A typical window pane captures warmth from

sunlight and provides free interior lighting yearround.

loses expensive heat at conditioned summer night during the winter, but months, that same window conditioned summer may trap unwanted heat,

breezes to cool people and the building.

"We try to optimize a window's best physical properties and neutralize worst. remembering that windows provide an accustomed link with the outside and serve a decorative, architectural function," Selkowitz said.

"In practice, this can be quite a juggling act."

The window program is really a group of projects managed by the laboratory. Some research is conducted at LBL's Berkelev hills site, but much has been assigned subcontractors around

the country,
One effort involves the search for a commercially feasible "heat mirror," coating deposited on glass or plastic that admits sunlight but reflects the heat absorbed by indoor surfaces (long-wave infrared) and cuts heat losses in half.

Researchers are also studying selective coatings - those that screen some of the sun's invisible rays while allowing light to enter
— to find a delicate balance that satisfies both summer cooling, winter heating and year-round lighting requirements.

The project is developing an optical shutter, a window that automatically will adapt on the molecular level to changes in the

One version uses chemical gel applied between sheets of glass that is clear when the air temperature is cool and turns milky white to reflect sunlight when it's hot.

Another approach utilizes light-sensitive glass similar to that in some sunglasses.

The team also is looking

at ways to slash heat loss from double-glazed window panes, now standard for new construction in most climates.

Researchers are testing various coatings, gases, blinds, plastic layers, vacuums and exhaust air flows in an effort to reduce heat transfer between



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REPORT

A leading window and gliding door manufacturer, notes that window installation or replacement is generally involved in major remodeling such as kitchen modernization, new bathrooms, room additions and attic conversions. For the average family, these projects represent a considerable dollar investment. So time spent on careful planning and proper selection of materials is well worth

For homeowners tempted to bargain-shop for windows, one word of advice: "Don't." The few dollars saved are likely to some expensive problems, including energy waste and bothersome upkeep. Besides, bargain windows often lack style and have short life spans. They can also downgrade home appearance, and lessen enjoyment of the

Well-made windows are a practical investment, even a tight remodeling budget. They have good amortization value. For

a home capabilities may return its higher initial cost in fuel bill savings alone. After the window has essentially paid for itself, the savings on

fuel costs continue.
Selecting good windows requires some knowledge of what they offer. Here's what to look for:

Good insulation. Sash and frames of wood - a natural insulator — or wood encased in rigid vinyl, which adds an additional thermal barrier. Double-glazing to retard heat loss through the panes. Tight, factory-applied weatherstripping to reduce air infiltration.

Low maintenance. Double-pane insulating glass — two panes with an insulating layer of air between — does the job of separate storm sash, but without the bother. Some windows have a protective rigid vinyl sheath over preservative-treated wood cores. Some styles can be had in color and prefinished

Ventilation. Operating windows provide the advantages of fresh air.
They're also practical.
When located to catch instance, a window with prevailing winds and create

cross ventilation, operating windows reduce the need for costly air conditioning. window's ventilating capacity is determined by its style: casements open to almost 100 percent of their sash area, gliders and double-hungs to about 50

Visibility. Windows with large glass areas offer two big benefits. They let in daylight, which lessens the need for artificial lighting, and they open the house to outdoor views. Again, style choice is important. Casements, which give practically uninterrupted visibility, make effective "window walls" as well as stylish bows and bays.

Design. There's little need for concern about energy loss through large glass areas, provided the windows are properly designed and located. fact, windows can actually conserve energy. In doublepane insulating glass which is standard, significantly reduces heat loss. Vinyl weatherstripping — twice as tight as industry standards — minimizes air infiltration. Triple-glazing - a removable storm panel over insulating glass - is



Since window installation or replacement is often involved in a home remodeling project, shopping for well - made windows help make it a real improvement. Windows such as this angle bay offer superior insulating capabilities in addition to good looks.

Windows make a difference

Style alters lifestyles

many window styles as lifestyles. Sometimes the first can improve the second.

The variety of styles and sizes in preassembled, ready-to-install wood windows simplifies many remodeling projects. Selection of the right style, says the National Woodwork Manufacturers Association, helps assure a particular project's success, and improves a home's livability.

Witness these examples: Problem: An old seaside cottage, the perfect weekend retreat, needs updating. The kitchen is dark and unpleasant work in. Solution: Replace two over-the-sink windows that are hard to reach with three modern casements. Result: The casement windows, which open outward to a 90-degree angle with an easy to reach handle, admit refreshing sea breezes. Their wide glass areas fill the room with light and bring the

seascape indoors.
Problem: A retired

There are probably as home into a three-room any window styles as guest house. The wife no longer has a quiet place to read while her husband watches television. Solution: A large angle-bay window is installed in the bedroom's south wall. Result: The unit — fixed sash flanked by operating double hungs and complete with window seat - creates a sunny reading nook with a pleasant outdoor view. Grilles, which give a divided pane look and are removable when window needs washing, complement the room's

> Problem: A music room in a suburban home has a narrow exterior door and a small fixed sash window in the wall facing a backyard garden. Access to garden is inconvenient and the view restricted. A son who practices piano several hours a day complains that the room is claustrophobic. Solution: Door and window are replaced with a large, sliding glass patio door. Result: The backyard is a step away and the garden becomes a beautiful

Other room problems, says NWMA, may best be solved with other wood window styles. Among them are: Sliders - which open horizontally and create a dramatic "glass wall" effect when used in series; bows - an elegant Colonial style with a graceful outward curve; doublehungs — a traditional operating window appropriate with any architecture; awnings which open up and out; and hoppers - which open in and down and are often used as ventilating units in combination with fixed

Whatever style is selected, be sure the window is a good insulator. It should have a wood sash frame, convenient double-pane insulating glass or separate storm sash and factory - applied weather-striping. Wood is a natural insulator, double - glazing retards heat transmission through the pane, and tight weatherstripping limits air ifiltration. These benefits combine to restrict heat loss and energy waste, which saves fuel dollars.



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In warm weather, awnings keep the sun's rays from entering the home and heating up rooms. Studies show that awnings can keep homes 8 degrees-15 degrees cooler in the summer. In the winter, awnings can compensate for heat loss by acting as a buffer between the window and outside elements — wind, snow, rain. The advantage lower cooling and heating

Awnings may be metal or fabric, stationary or retractable via crank, rope pull or electric motor Retractable awnings can be rolled up to allow more light in when desired. This is also a plus because rolled-up awnings allow the sun in as a source of solar energy in winter, to further reduce heating costs.

Depending on the climate and location of your home, there are a variety of awning designs and materials from which to choose. Metal awnings are available in a range of sizes and colors. They can stay up year round, because they are sturdy enough to deflect harsher weather.

Fabric awnings, in a variety of patterns and colors are durable and can withstand wind and rain as well as sun. Acrylic-painted duck (cotton) is most widely used because there are a greater range of colors and patterns available and it is least expensive. It is also a sturdy material and the acrylic coating provides long-lasting color retention. Vinyl-coated duck also has excellent weathering characteristics. Vinyl-laminated polyester combines a flexible, weather-resistant film over strong, stable polyester. Acrylic fabric is made of dyed spun acrylic yarns. It has superior fade resistance, and therefore, popular in sunnier climates.

There are four basic styles in awnings with design variations to suit the type of home, width of the area to be covered and personal preference. Hood awnings are used for double-hung sash windows. The Venetian or spear awning is a variation of the hood design. Casement awnings fit over swing-out was vindicated by a windows; round or bow styles are used for arched which called the eagle "an windows and doorways; other awnings are curved to accomodate bay windows. An extension of the traditional awning is the upon it with uncanny fabric or metal roof which accuracy."

can cover a porch or patio. These include canopies, free-standing pavilions or

Maintenance of awnings requires periodical suds and water care. Metal awnings should be freed of accumulated dirt and grime first. Then, wet with the garden hose. Wash with warm, sudsy water and a long-handled carwindow-washing brush. Don't forget to scrub the support frame and other

Detergent Association. They can be cleaned on their frames or removed and spread out on a flat surface. Brush away loose dirt and wet with a hose. Scrub with a soft brush dipped in detergent or soap suds. Pay particular attention to heavily soiled areas, and the frame. Hoserinse thoroughly and let dry. Stubborn stains on duck or acrylics may be treated with a dilute chlorine bleach solution; rinse all traces with clean water. For vinyls, commercially prepared cleaners are best for removing stains. If awnings have been removed from frames, replace them while still damp.

Any painting of metal awnings; waterproofing of fabric types should be done after they have been cleaned. Fabric paching should be done before to avoid further damage when washing. Professional service may be necessary if awnings are badly torn or

affected by mildew.
Always wash and completely dry fabric

Founder said eagle a turkey

NEW YORK (UPI) Benjamin Franklin objected to the selection of the American bald eagle as the national emblem in 1782 because he thought the eagle was "a bird of bad moral character" and a "rank coward," according to an article in USAir magazine

Even the little kingfish bird attacks him boldly and drives him out of the district," wrote Franklin.

However, the article said, the bald eagle (who is actually not bald but has a "cap" of white feathers) scientific study in the 1960s excellent fisherman in his own right" who can spot a fish as far as three miles away and swoop down

awnings before storing. Ducks and vinvls are especially susceptible to mildew. Loosely roll or fold; wrap awnings in brown paper or plastic sheeting. Store them in a dry, well-ventilated area away from heat and

Awnings are pretty, practical and require a

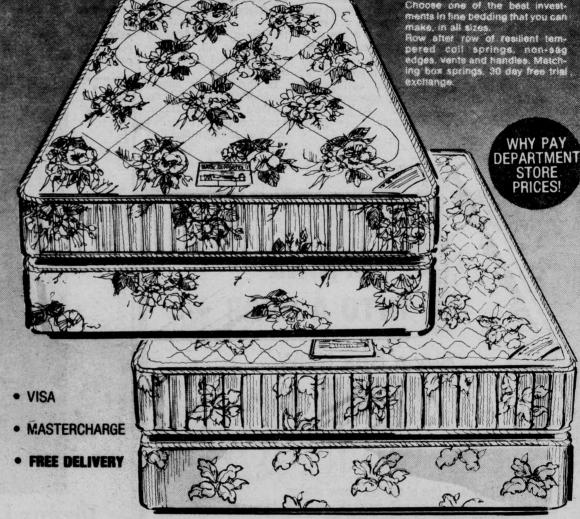
minimum amount of care. They are energy savers, as well as providers of shaded comfort for leisurely living on patio and porch.

Air Conditioning and Heating Costs Can Be Cut in many ways in a home. One is by caulking — a perennial spring chore. Keep cool air or heat from escaping by

cracks, especially where detergent or soap suds to remove grease and dirt; rinse and dry the area. This

caulking all seams and will help insure better different materials meet compound. Fill a caulking around the house. To do gun with a caulk cartridge; this, The Soap and pull it along openings Detergent Association first around windows and door compound. Fill a caulking suggests scraping off old frames, and other seams wash the surface with gaps appear. Besides saving energy, yearly caulking helps keep out insects,





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lore seek garden plots

Seven million Americans may be looking around their communities for space for a small vegetable garden.

20,

According to surveys conducted by Gardens for The National Association for Gardening, a non-profit organization, about two million people now garden away from their homes on community garden land owned by cities, churches, schools, businesses or individuals.

'A huge opportunity exists for public and private landowners to be of real service in their communities," says Jack Robinson, president of Gardens for All. "Thirty-three million American households now have vegetable gardens, and our about 500 square feet survey shows another seven million are interested in gardening on a community plot because they don't have

productive leisure activities.

"The idea of community gardening goes back to the Victory Gardens and Liberty Gardens of the world war years. We believe that the eighties will become the decade of Independence Gardens. both in back yards and on community sites."

A new Gardens for All survey of community garden projects shows 36 percent had waiting lists and 22 percent were expanding this year. Although many projects have sponsors, about half the projects are self-supporting through fees. Fees are normally \$10 or less per season for a plot of

Where does the land come from? Forty-five percent is owned by cities or towns, 20 percent is privately owned, access to garden 16 percent is owned by land." Robinson said that businesses, 14 percent by economic conditions are schools and colleges, 8 creating more interest in percent by churches and 7 gardening as people look percent by state closer to home for governments.

Each community garden site normally has between 25 and 100 plots. Many have supporting facilities that include water systems, compost areas, tool lending, seed and plant discounts, preservation food programs... even new-sletters. A few have greenhouse facilities.

Sponsorship closely parallels land ownership, with 42 percent sponsored by cities, 12 percent by schools and colleges, 10 percent by federal programs, 8 percent by

Gardeners fight costs by crops

"Gardeners are reacting to high food prices and planting vegetables that cost a lot to buy but require small amounts of garden space,'' says Jack Robinson, president of Gardens for All, the non-profit National Association for Gardening.

In the group's annual gardening survey by the Gallup Organization, gardeners were asked which of 23 vegetables they businesses and 7 percent by churches.

'One particularly needs attention," said Robinson, 'are spaces near elderly housing projects. Another is the designation of permanent land sites for community gardens.'

"how-to" manual on community garden organization and booklet of case studies is available for \$2 from Gardens for All, Dept. 02002, 180 Flynn Avenue, Burlington,

grew. Only six were found in more than half of last year's gardens: Tomatoes were in 93 percent, onions in 64 percent, beans in 61 percent, cucumbers in 58 percent, peppers in percent and lettuce in 54 percent.

Indoor palms

No mystery to tree care

Some people think their indoor palms provide a room setting with the beauty of the tropics, an atmosphere of Humphrey Bogart movie intrigue, and a feeling that mystery is just around the corner. You may want to consider growing palms in your home for another reason

— there's no mystery to the maintenance of these attractive plants

Raymond F. Hasek, environmental horticulturist of the University of California Cooperative Extension suggests some palms which grow well indoors: the Parlor palm, Fish Tail palm, and Kentia. He offers some practical tips for growing them:

Provide your palm with bright light; it will also

Provide your palm with bright light; it will also tolerate light shade. It likes a dry atmosphere and a temperature range from 50 to 85 degrees F. Let its soil dry out between waterings. It dislikes soggy soil and can endure drought periods. Feed it once a month in spring, summer, and fall. Do not fertilize in the winter. Its potting soil should be equal parts of sterile garden top soil, peat, and sand.

Do not repot anymore than necessary. When the root system gets extremely heavy in the existing pot, repot in a slightly larger container.

Spider mites are common pest problems for palms. Check yours for signs of their presence: fine white webs woven in crevices, in joints, on undersides of leaves, and foliage speckled with yellow or brown spots. To get rid of mites wash your palm with soapy water followed by plain water or use an insecticide.

Palms indoors endure neglect. They are easy-going and relaxing — like a winter vacation. Yet you don't have to leave home to enjoy them.

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Modern cabinets an important aspect of kitchen remodeling

Kitchen remodeling that doesn't include new cabinets is as rare as a kid who doesn't leave jelly stains on the counterton.

Remodeling reports consistently show cabinets as "a major factor" in kitchen modernization. In 1977 and 1978, cabinets were among "the biggest selling remodeling items." This year won't be any different, says the National Kitchen Cabinet Association.

Why such popularity? NKCA explains that updating kitchens usually means increasing storage, adding work space, and improving appearance. Translation: new cabinets

Though the need for cabinets in kitchen remodeling is clear, NKCA says cabinet durability isn't always obvious, unless shoppers know what to look for. Good construction, performance, durability, and low maintenance should be high on the list. Without these attributes, cabinets aren't up to the hard life they face in the average kitchen.

Consider the daily abuse cabinets get: overloaded shelves and drawers, impacts from dropped objects, slammed doors, heat and humidity, water and detergent splashes, grease splatters, and abrasive food spills. Often, children ram, mar, kick and climb them. To help

consumers select cabinets that can take such treatment and still look good, NKCA certifies laboratory-tested units.

Certification applies to manufactured, factory-finished kitchen cabinets and bathroom vanities. To qualify, units undergo a battery of tests and inspections that measure structural performance and finish resistance under harsh kitchen conditions. Those that pass are granted a round, blue and white NKCA certification seal. It shows they meet the rigid construction and performance standards of the American National Standards Institute (ANSI). Shoppers should look for the NKCA certification seal inside a cabinet door or drawer.

Emphasizing performance doesn't mean sacrificing beauty, says NKCA. Certified cabinets come in fashionable woodgrain patterns and in elegant white and gold. They are available as base, wall, and corner units in authentic "period" styles — from Early American to contemporary.

More information on cabinets and their role in remodeling is contained in a 16-page, illustrated color booklet: "Kitchen & Bath Planning." Send 35 cents to NKCA, Box 2978, Grand Central Station, New York, N.Y.



Remodeling a kitchen usually means improving its appearance and adding storage and counter space. Ordinarily, that means new cabinets. To be sure they perform as well as they look, the National Kitchen Cabinet Association certifies construction with a seal, and suggests buyers look for the seal when purchasing new cabinets.

Boredom increases despite products

"I'm bored!"

This is a familiar complaint from young and old, even though they are surrounded by a variety of electronic marvels, super plastic puzzles, and other gadgets produced by innovative manufacturers.

"Despite the availability of time-killing items of every description, boredom is on the increase," according to Robert J. Morais, a psychological anthropologist.

"Boredom is increasing because of the passive, non-creative nature that is not present in many of today's leisure time activities," Morais said in a recent interview. "In view of this, it is important that people of all ages - particularly young people - cultivate a hobby that requires creative expression."

creative expression."

Morais pointed out that people are not only bored when they are doing "nothing" but when they feel a potentially interesting activity is tiresome. The activity could be cooking, reading and even watching television.

The root of boredom is passivity, Morais insisted. When one takes an active, creative part in anything she or he does, it cannot be dull

When reading, the idea is to be involved with the characters; to feel for them. Cooking need not be simply peeling potatoes but an expressive art. What distinguishes the interested employee from the bored one is the former's sense that his or her work is demanding something more than an automatic response to a work order, that she or

he is creating as well as

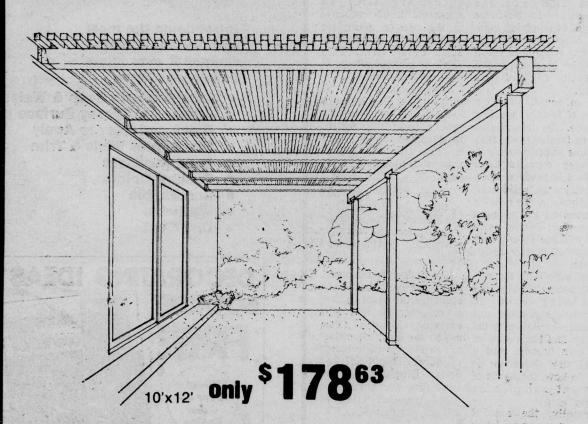
producing.

Finding a hobby is one way to relieve boredom, Morais said. At work, time is structured and employees largely meet the demands of others. However, during leisure time, interesting activities can be selected and these activities can provide outlets for creative energy.

The hobbies which are most satisfying are those that offer a continuous chain of creation. Photography is a classic hobby of this type. From the flash of what, where, when and how to snap a picture through the steps involved in darkroom procedure (a task savored by amateur and professional photographers) creative talent is required — and rewarded. Nothing exceeds the satisfaction of knowing that an attractive photograph was conceived, captured and interpreted entirely on one's own — from camera to final print.

Since photography is considered one of the most creative of hobbies, interest in developing and printing one's own photographs has grown some 40 percent in just the past five years, according to the Paterson Darkroom Club. Amateur photographers have constructed more than a million darkrooms, the club

Many members of the club — there are now more than 10,000 — report that their darkroom activities are particularly fascinating. This is an important key in seeking a hobby bloom onibbus



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Quiche Pans

Do-it-yourself murals easy way to decorate

Putting a do - it - yourself mural on the wall is a cinch and can be a fun project for families, say Donna and Rod Hennig, the creative forces behind Renton's new transfer graphis firm.

The graphics are the brainchild of a couple who wanted to help people put custom graphics in their home, yet could not afford a commercial artist. They have developed patterns for

sailboats, football heroes, outer space scenery, parks, barnvards, rainbows, and even a rock music group.

Each mural is a simple three step process. Included in the kit is the pattern, transfer paper, full instructions and a color mixing guide. Bright, bold colors in acrylic latex are also available in ½ pint sizes. Quality brushes have also been designed to avoid leaving hair on the wall.

The patterns have been designed to fit an individual's needs. The patterns can be repeated or combined with others to create a new design. Also, guides for color are included, but total freedom is allowed the painter on color selection.

These patterns are available at the Paint Bucket, 601 E. 2nd, Pomona or 1051 W. Holt in Ontario.



Tiles are showing up all over homes

AP Newsfeatures

Not very long ago, the on's share of the lion's share of the residential-tile business consisted of supplying solidcolor, American-made tiles for fairly uninspired treatments in bathrooms and kitchens around the country.

But in recent years, a variety of factors including affluence, the importation of more foreign-made tiles and some improvements in American designs have combined to produce many changes in the residential tile business. A tile retailer characterized the changes in this way: "Five years ago, I sold tile for a living. Today, I'm in the design business.

Tiles, especially the patnow being used in entryways, sunrooms and playrooms as well as in the kitchens and bathrooms of American homes. And a typical tile showroom is likely to have thousands of different samples on

consumers spend on fancy tiles, some of them imported from such countries as Mexico, Portugal, Italy and Spain, is considerably higher than it was once upon a time.

"A typical expenditure for tile for a bathroom is much higher and it might be up to \$10,000 for the material alone," said one

Although he stands to make more money on each sale, a tile retailer selling fashion also must put more into each sale, he added. Today, we spend many hours working with a typical customer on

brightly-colored glazed tiles unglazed tiles are

are combined. Because of the increasing cost of decorative tile, an important trend nowadays is the use of decorative inserts within a block of solid color tiles. This achieves unusual effects at more moderate cost.

Tiles which once cost as little as \$1 or \$1.50 a square foot now run as high as \$40 a square foot. Decorative, hand-painted tiles may sell by the tile for prices ranging up to more than \$15

Among major exporters of tile to the United States are Mexico, Portugal, Italy, France and increasingly nowadays, Germany and

Knowledgeable observers terned, decorative kind, are have noticed that each country's tile tends to have characteristic look. For example, Mexican tiles, among the most expensive, are prized for their highly creative, hand-painted design. Despite high price tags, they are among the display. more popular tile Naturally, the amount affluent communities. more popular tiles in

> Portuguese tiles also have the primitive look and colorful designs for which people are willing to pay top

There are four basic types of tile: normal clay bisque, porcelain ceramic, terra cotta and quarry tile Porcelain ceramic and quarry tile are both extremely durable and almost impervious to stains. Other tiles, such as terra cotta and the standard clay bisque, are softer. Terra cotta is not suitable for outdoor installations in northern climates.

However, all tile can be esign." used for interior Both smooth-textured, installation. Provided they are installed correctly, they (often with vivid designs) will provide long service and rough-textured, natural and durability under normal are conditions, according to tile

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g unglazed tiles are conditions

Asphalt shingles are visual asset

When "Little Orphan installation can adversely Annie" gets a new dress, it looks exactly like the old one. It's the same with

some roofs.
That's unfortunate, says
the Asphalt Roofing Manufacturers Association. It means the reroofing homeowner didn't take advantage of technological advances that have lengthened the design life and improved the and improved the appearance of roof shingles

Appearance is, in fact, the most dramatic attribute of new shingles. There's no mistaking new three-dimensional asphalt shingles for the standard roofing available 10 or 15 years ago. Modern asphalt shingles are multi-layered, with deep, distinctive, shadowlines. They give the roof surface a rich,

textured look.
Another visual asset is new earthtone colors of dark browns and rustic beiges that reflect the colors of nature. Earthtones make it easy to coordinate the house and

There are other significant, though not so visible, new roofing benefits. Most notable are durability, low maintenance and fire safety. Three-dimensional asphalt shingles are designed to last up to 25 years or more. They also carry an Underwriters' Laboratories Class C better fire-resistance label. It shows they won't ignite easily, spread flame rapidly, or emit burning brands. Fiber glass-based asphalt shingles offer even greater fire protection.

When choosing shingles for reroofing or new construction, ARMA recommends taking amortization value, rather than initial cost, into account. Just add material and labor costs and divide by the number of design-life years. The result shows the annual cost of the new roofing per years of

service.
Installation charges are about the same, whatever the type of shingle. And, usually, asphalt shingles can be applied over the old roofing, which saves tearoff expenses. These factors, plus their longer design-life, make dimensional shingles an economical choice.

Another relatively new aspect of reroofing is that more homeowners are doing it themselves. ARMA cautions, however, that the job requires competency time and the ability to work comfortably at negatis.
Remember, too, incorrect

effect roofing performance More roofing data is contained

contained in a comprehensive, 20-page, illustrated color booklet, "A Homeowner's Guide to Quality Roofing." Send 35 cents to ARMA, Box 3248, Grand Central Station, New York, New York 10017

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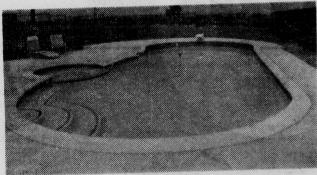


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Do-it-yourselfers will find much valuable information in Andy Lang's handbook, "Practical Home Repairs," available by sending \$1.50 to this newspaper at Box 5, Teaneck N.J. 07666.

(The wrench set is manufactured by New Britain Tool, P.O. Box 1320, New Britain, Conn. 06030; the tile grout by United Gilsonite Labs, P.O. Box 70,

Scranton, Pa. 18501; the torch by Wingaersheek, Inc., 2 Dearborn Rd., Peabody, Mass. 01960, and the phone mouthpiece by Cose Corp., 15 East 40th St., New York, N.Y. 10016.)



Don't let small room stop your dining pleasure

Copley News Service
Q. We have just moved into a new condominium without a dining room. I do want to have a dining table and be able to have a sitdown dinner for six in a space in the living room just off the kitchen.

had thought of a small table and four chairs. borrowing two more from other parts of the house when needed.

Do you have suggestions for getting the most out of dining furniture that still won't take up too much room? - K.L.

A. There are several ways you might go.
Undoubtedly you will be able to find plenty of small round tables, just slightly larger than a game table. Depending on your space (if space is square), this might be a possible solution.

More often, the space is rectangular. Then you might be better off with a small - scaled, rectangular Parsons table with metal legs and a glass top. The glass will give as airy a look as possible and seem the least imposing.

Still another possibility is an antique or just plain old drop leaf table which would sit against a wall with leaves dropped when not in use. When it's entertaining time, you can slightly rearrange the furniture and extend the leaves into a modest size.

Also if you haunt secondhand shops you may come upon rather heavy rectangular tables that resemble sofa-back tables. Try pulling the top apart if there's a split to indicate it opens. You may find a folded over leaf that springs into place to give you a lovely little table that will seat six in a cozy fashion.

popular in tables in the 1920s and 1930s. I don't understand why more furniture manufacturers today don't use it.

Q. I need help in planning a redecorating project for the living and family room. These two rooms are open to each other. The rooms are paneled in pecan.

I have plain yellow draperies with white sheers. I have two chairs done in green velvet and my couch is done in martini.

In the family room I have a striped couch in gold, rust and off-white and recliner in gold. The carpeting has to be replaced. Could I use rust? I would like to get away from gold and I do not like green.

What could I do with the yellow draperies because they are almost new and cannot be replaced at this Also what colors could I use for accents? -

A. Certainly a soft rust color would be lovely for your living and family room. Try for a light rather than dark, heavy tone which might be harsh with your

martini colored sofa.

Try to introduce another fabric into your living room to combine the yellow, rust, green, martini and offwhite. You could use such a multicolor fabric on a small occasional chair or on a large ottoman. You also could add touches of the fabric with sofa pillows or valances for over your

yellow draperies.

If you could find a fabric such as this, you would be able to tie together your color scheme so the rest would actually be a part of it. Accessorize with bright tones from your color

A glass-topped table provides dining inspiration in this tiny dining area in a condominium. Naugahyde seat cushions are peacock blue in leather-look pattern. The carpet and painted walls are apricot.



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Chimney sweep knows opportunity on sight

By DENNIS McCARTHY Copley News Service LOS ANGELES — Listen

up, you blokes. There's a lad goin' round the neighborhood dressed in top hat and tails, carryin' long poles with bushes on the end and callin' himself a

chimney sweep.
Imagine that! A chimney

A regular page out of "Mary Poppins," no less.
Crazy bloke must be tetched in the head. This ain't the England of Charles

This is America, the 20th century. We don't need chimney sweeps any more than we need constables walkin' the streets to keep the peace or kids who read and sing songs about sugar at night instead of watchin' the telly. Hmmm.

Anyway, there he is drivin' down Pacific Coast Highway on his way to clean a chimney in Palos Verdes Estates. Soon curious neighbors will be wondering why the Alderson family has a man rearing tails standing on their roof.

Meet Mike Owen, a 27year-old Manhattan Beach entrepreneur, who knows a business opportunity hen he sees one

Like most people at one time or another, Owen was hit with the travel bug about two years ago and wanted to move to Lake Tahoe. Unfortunately, making a comfortable living in that beautiful resort area is tough unless you have a uniquely marketable skill.

"A friend of mine said, 'Why not be a chimney sweep? There's an awful lot of dirty chimneys in the mountains because people use their fireplaces more,' " Owen said.

He never made it to Tahoe, but the idea of being a chimney sweep intrigued him. So he began learning the craft, figuring people who live at the beach also spice a mod fire on a demonstrate. enjoy a good fire on a damp

"I read everything about chimney sweeps I could get my hands on. I already knew a lot about working with fire brick because I used to build pottery furnaces, but you have to know the design and function of fireplaces to be

a good sweep," he sad. Most of Owen's calls are from people with problems such as smoke coming out the wrong end of the

chimney.

A lot of people think after you light a fire the smoke just goes up and out, and

They don't know that when the smoke goes up

into the fireplace throat area it circulates first in a smoke chamber behind the

rear wall and then goes up.
''Ash and soot are
deposited in this chamber and it has to be vacuumed out periodically, depending on how much you use the fireplace," Owen said.

When he shows up at a house, tails and all, the atmosphere often turns

"It's really neat. I come walking in wearing my top hat and tails, bow tie and black pants, really looking good. It creates a whole different mood, not like the plumber coming to fix the

'Neighbors come over to watch and I even had one family throw a party. I enjoyed that. It makes the job fun," he said.

It's not like old England,

'There the sweeps used to lower skinny boys down the chimney to clean the inside. Sometimes, in earlier days, they even threw geese down the chimney to let them flap around and loosen the buildup on the fire walls."

It usually takes about two hours to do a good job. First, the fireplace opening is sealed off. Then Owen goes up on the roof and uses a fiberglass extension pole with a brush on the end to clean out the inside of the chimney. This provides a good draft for the fire.

After that he uses a hook

arm vacuum at the fireplace opening to clean out the soot and ash. For this he charges \$65 for a single - story house and \$85 for a two - story home

Mike Owens balances on a chimney top as he cleans the inside with a fiberglas extension pole with a brush on the end.





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To make the job go easier se the following guidelines.

Prepare a simple floor plan. It is not necessary to draw your floor plan to an exact scale. Although the sketch or drawing can be rough, show the measurements on your layout accurately to the fraction of an inch. Do not rely upon measurements found on a blue print, measure the room yourself. Show the exact locations of windows, doors, heating, plumbing and electrical fixtures. Use both horizontal and vertical dimensions

It is useful to draw a wall elevation of each wall that has windows, doors, etc. Verify your measurements as it is most important that oven too high measurements are accurate. Determine that the corners are square. The corners can be checked with a framing square. If they are not, be sure that near a built-in oven the total width of the 5. Don't let aisle assembled cabinets will not exceed the allowed space at any point.

Decide the basic layout of the kitchen. You will want an attractive arrangement.

working kitchen that will be as efficient as you can possibly make it. The work triangle is the most efficient method of achieving a satisfactory layout. Most of the traffic in a kitchen is centered around three points: the sink, the refrigerator and the range or cooking surface. Whenever possible, the placement of these three units should form a triangle, the sides of which add up to no more than 22

You should make an effort to lay out a kitchen that will provide adequate work space, but will not necessitate too many steps for the homemaker. The size of the room will in most cases determine the amount of cabinet and counter space available.

There are a few don'ts when planning a kitchen.

- They are as follows:
 1. Don't install a built-in
- 2. Don't let doors create a conflicting action
- Don't install a range and oven side by side 4. Plan counter space
- 5. Don't let aisle be too
- narrow Don't locate dishwasher around the
- corner from sink 7. Don't place sink too close to range

Five work areas should be included in every kitchen plan to accommodate the activities required to get a meal on the table. They are as follows:

- 1. The storing area at the refrigerator or freezer The cleaning area - at
- the sink and dishwasher 3. The preparation area -
- at the range and oven . The mixing area
- adjacent to the sink 5. The serving area -between the range and dining area.

Counter areas are usually made for the space remaining after appliances are placed to best advantage. The mixing and serving areas are usually made up of counter space. and should be found on both sides of the range, the sink and the refrigerator. However, this is not always possible.

Locate the sink first. preferably at a window, where the light is best. Whenever possible use a double-bowl sink. Of prime importance in the placement of the refrigerator is that it open conveniently to the work triangle and does not force one to go around the open door. For the convenience of loading and unloading the refrigerator counter space should be available next to the opened refrigerator. If refrigerator must be placed room exists to permit opening the door so that shelves can be removed.

Locate the range or cooking surface to provide ease in serving. Placement of sink and refrigerator usually indicates where the range should be for the best work triangle. A range hood is the most practical way of venting a kitchen. It will exhaust unnecessary heat, smoke and odors and will keep grease off cabinets and walls. If a vented hood is to be used, duct work must be taken into consideration. Ductless hoods which have a replaceable grease filter circulate the filtered air back into the kitchen and area available for areas where impractical to run

duct work to the outside. Whenever possible, include a dishwasher in your kitchen layout. The dishwasher should be on the opposite side of a garbage disposal in a double bowl sink. A dishwasher requires 24 inches of width, and is attached to the plumbing under the sink. A dishwasher can be installed to the left or right hand side of the sink cabinet.

You can plan on having custom cabinets or modular cabinets built for your kitchen. Both are very desirable and it will depend upon several factors, including your budget, which you choose. Cabinet selection is based on utilizing the remaining available wall space in your lay-out. The base cabinets are chosen first, then the wall cabinets. It is advisable to select wall cabinets which correspond in width to the base cabinets or appliances below, when possible. Island cabinets are constructed to allow access from both sides of the cabinet. When space permits they can be used as

wall kitchen into an Lshaped kitchen or an L-shaped kitchen into a Ushaped one.

The advantages of modular cabinets are as follows:

- 1. Cabinets are preassembled and pre-finished 2. Modular cabinets have fast delivery time
- 3. Modular cabinets are very reasonably priced
 4. Modular cabinets have

backing so it is not necessary to finish the walls

5. It is possible for the homeowner to install his own modular cabinets and save money

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Old-time cleanser makes comeback

By CHARLES W. ROSS Copley News Service Hey, Grandma! Take a

An old standby from your youth is back, wearing the same yellow-and-red jacket, presumably just as good and being promoted by the same yellow chick that 'Hasn't Scratched Yet.'

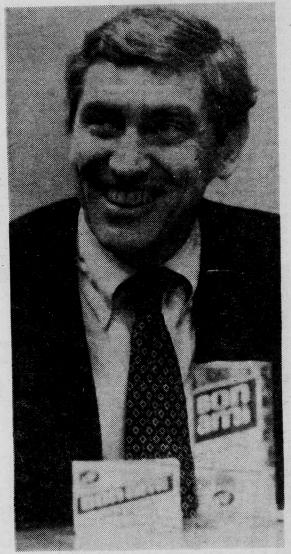
It's Bon Ami, the household cleansing powder and cake that's been on the market since 1886, polishing glass, pots and pans, and sinks and bathtubs.

As senior citizens well know, the yellow chick is simply a cute baby chicken symbolizing the manufacturer's pledge that the cleanser won't scratch most surfaces.

Bon Ami — French for 'good friend' — almost disappeared from supermarket shelves in the early 1950s when the founding family sold out to a man who cleaned out the cash register and fled the country. Several firms have tried to reestablish a market since, with such unfortunate business practices that for years buvers wouldn't even see their salesmen

Now an old-line familyowned company in Kansas City has bought Bon Ami and — hoping to rebuild confidence in the firm's ability to deliver on its advertising promise, product quality and guarantees — is attempting put the cleanser into national distribution.

"We are doing it regionally at first," said Gordon Beaham of Kansas Co., which is now Faultless Bon Ami. "We just don't payments over five years as



Gordon Beaham ... "it's a scientific fact."

have the money for national a percentage of sales."

Beaham, epitome of the that he hopes to have

well-mannered, sharp, Ivy League - schooled businesman, diversified his starch City, president of the 100-company into household employee Faultless Starch cleansers "for a little more than \$1 million and

In an interview, he said that he hopes to have 10 percent of the \$140 million cleanser market in a few years, a market now dominated by Ajax and Comet.

When Beaham bought the firm it had a 1 percent share of the market and it now has 3 percent, but market studies show that because of its softness compared to Ajax and Comet, Bon Ami is rapidly rising in appeal. The basic reason, Beaham said, is that Bon Ami buyers tend to be from the intellectual, book-reading, skeptical class of people who will pay its slightly higher price.

"It's a scientific fact that the feldspar and plain soap we use in our products clean etter and do not scratch, but few people would know that," said Beaham. "Our market researchers examine only the habits of households that use Bon

only in the powder form that has a modern detergent and bleach mixed with the feldspar. The plainer version and the cake or bar are sold through different outlets.

"The cake will be

remembered by everyone who used to clean windows," Beaham said.

"It left a whitish powder on the glass that you took off with a dry cloth. The windows really sparkled. Today Windex is our big competitor, but it really doesn't do as good a job."

Still one of the most recognized advertising symbols in this century, the little yellow chick aroused

comment from the feminist community recently when a full-page color ad showed attractive woman holding a week-old chick, above advertising copy with the headline: Underestimate the Cleaning Power of a 94-Year-Old Chick with a French



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Bon Ami's chick ... from 1918 McCall's Magazine.

Area farmers saw big change

By CONRAD CASLER Staff Writer

No generation of farmers in the United States has seen a more dramatic change in agriculture than the men and women now are approaching retire-

Typical of farmers now in their late sixties and early seventies is Louis Badders, who lives with his wife, Marie, at East End and Grand avenues in Pomona in the home they moved into after they were married 50 vears ago.

Badders' father owned half interest in a western Indiana coal mine, but decided he did not want his children to grow up to be miners. So he sold his interest in the mine and moved the family to the Chino-Pomona area in 1911, when Louis was 4 years old.

After two years in Chino, Badders' father had enough money to start a farm. Badders has not left the soil since and he says he has never been sorry.

Horse-drawn plows were the mode then, with hauling done by horse and wagon. By 1916, the Badders were using solid rubber-tired Maxwell truck to speed the produce to market in Los Angeles at 15 mph. The trip took two hours each way, Badders recalls. "You couldn't go any faster because of those solid rubber tires

The family farm lay between Towne Avenue and Reservoir Street south of Riverside Drive. The soil yielded huge crops of car-rots, tomatoes, cabbage, lettuce, cucumbers and onions, all hauled fresh to market.

The Badders teamed up with a Paramount farmer to sell produce in the Los Angeles fresh produce market area. Their partner grew herbs on 11/2 acres of his farm and sold them fresh, along with vegeta-

In 1948, Badders decided to grow about 5 acres of herbs on his farm. His know-how created huge crops, which his partner was hard-pressed to sell because of the volume, he recalls.

So Badders decided to dehydrate sweet basil, thyme, parsley, tarragon and other herbs in order to market the herbs any time he wanted.

The first drying shed was 4 feet by 6 feet and 16 feet high and, with the aid of a neighbor, he also con-structed a natural gas burner. Shelves of hand-cut herbs were stacked in trays inside the shed and dried. a

The experiment proved successful.

When production could not meet demand, Badders contracted with a neighbor to use a larger dryer con-

structed to dry walnuts.
Business and knowledge of herbs expanded together and Badders bought more land in the Chino area, eventually acquiring 13

But then concrete devel-opments made his land too valuable to keep as farmland. By 1974, Badders had ended his farming operation in the Chino area, but not the herb business. He moved the herb farm to the Porterville area, near the community of Terra Bella, where 450 acres now produce sweet basil, dill seed, parsley, taragon, winter savery thyme, beets (mainly for their leaves), a special breed of spinach used in making green noodles "for kids who don't like to eat their spinach," some lettuce and a variety of wheat packed in 5-gallon plastic containers and sold at to customers who prefer to grind their own wheat for breadmaking.

Badders says he gets about \$2 a pound for refined sweet basil, while those who package his spices and retail them on grocery shelves get about \$40 a

Badders kept three acres of the old homestead; his storage sheds and refining mills and equipment are located directly behind his home. He employs nine workers full time

The payroll is much larger in Terra Bella, where the herbs are grown and har-vested. Herbs are dried there and trucked to his home-factory weekly. The average yield is some 51,000 pounds of processed dried erbs a month.

Huge gunny sacks packed with milled and unmilled herbs line warehouses sur-rounding Badders' proces-sing plant here. Custommade mills spew endless amounts of refined herbs, coating everything with a fine green dust.

On the farm, some 50 wagon loads of fresh cuttings are hauled daily to drying sheds. The average natural gas bill is \$6,000 a month and probably will double soon due to natural gas rate hikes, he said.

Where once Badders cut herbs by hand with a knife, a giant harvester now gulps up 12 rows of herbs at a time. That machine, one of kind, was designed by

House for bride is still home

Back in 1929, before he months. was married, Louis Bad- "Ther ders built a house for his

In the last three years, Mr. and Mrs. Badders have logged more than 200,000 air miles researching and studying herb growing in Africa and Europe. Last year they visited Egypt, Italy, Germany, France (where they there ever since. spent \$4,000 for a six-day taxi tour of French herb farms). England and Switz-

He said in many places. methods used for herb

Badders and his son and constructed by his son.

There is no market for mass-produced herb har-

vesters, he said.

When Louis and Marie Badders were married in May that year, they moved into the house at Grand and East End avenues in Pomona and have lived

Currently, Mrs. Badders is giving the place a thorough cleaning over in preparation for the upcoming whoop-de-do when the couple celebrates their 50th

"There are an awful lot of corners that need getting into before that time," Mrs. Badders said.

They have expanded the house twice, the last time hauling more than 250 tons of brown rock from property they own near Lake Havasu to face one wall where the fireplace is located and to build an outdoor pond.

Badders, the world's largest grower of herbs says he's pretty pleased of "50 years with the same

The couple's daughter lives next door and their son lives in Terra Bella where he manages the farms where the herbs are grown. Processing is in the plant behind the senior Badders'

At 72, Badders and his wife, who plays the organ for relaxation, says he is not thinking about retiring. There's too much to do. Too many new markets for herbs to open.

"I might slow down just a

bit one of these days, though," he said. wedding anniversary in a growing and refining are woman and all in the same little more than two primitive at best. We generate better plants It's Plantin' Time for your environment Prices Effective thru 3-26-80 Expert landscaping, sprinklers and redos. Free Estimates Fountains, Spas, Garden Ornaments Pottery, Baskets & Dry Flowers in our Bouti-Giant selection of Irrigation supplies & tools One of the largest selections of Trees - Shrubs -Ground Covers anywhere. · Giant Green House full of indoor plants & cactus If we don't have it we'll do the best to get it. We have many unadvertised specials daily. 743 Foothill Blvd. Claremont Behind Wood-n-Stuff 621-7192 621-0770 australian tree Ferns **BLUE GRASS** GIANT PHILODENDRON SELO STRAWBERRY PLANT

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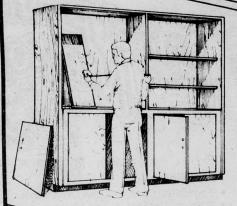
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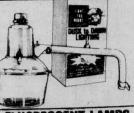
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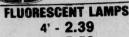
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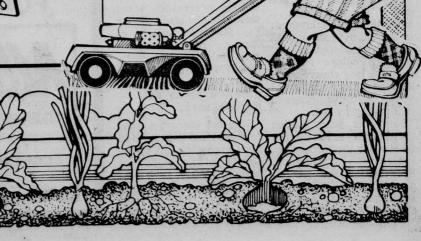
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marigolds for foolproof lasting, eye-stopping show beauty and long-lasting with its big, ball-shaped color in your garden and radiant blossoms. Used bouquets. This native alone or with other colors, American flower was first you can count on Golden appreciated by Cortez when he conquered ancient attention. Mexico and took seeds back to Spain with him. There are a wonderful background this floral introduction from for medium height Lady the new World became the Hybrid marigolds in sunny favorite flower of the colors, and rich tawny-devout to place at the altar toned Red and Gold of the Virgin Mary. Because of that, it was called Mary's Gold and then Marigold, the

United States and most other English-speaking countries. Today's modern beauties

name now used in the

are a far cry from the original "Mary's Gold" which grew rank with smelly foliage; bloomed late; and had small flowers medium-large, double, solid in a limited color range, red and red-and-gold About 60 years ago combination blossoms; it seedsman David Burpee keeps right on blooming cast his clairvoyant eye on until heavy frost; and it the few trial rows of marigolds being tested at up to three weeks if the Fordhook Farms in Pennsylvania. He needed a occasionally. successor for the sweet pea, which suddenly was plummeting popularity because of a root American marigold and the rot problem wherever summers were hot . . . and that was most of the United States. Underneath the marigold's flaws he saw great possibilities for a future garden cinderella. the Nugget (TM) Hybrid Marigolds were hardly ever marigolds and also Red bothered by pests or Seven Star Hybrid. Nondiseases and grew strong hybrid varieties also offer a and sturdy just about wide choice. The "Boy anywhere under the sun. Only their hidden beauty needed to be brought out but that was a big challenge.

breeders have literally taken marigolds apart and put them back together with selection, crossing and hybridization. continuous process brings out and combines desirable features, eliminates bad ones. Now there are marigolds as sturdy and easy to grow as their ancestors but earlierblooming, glamorous and showy to suit just about every taste and garden need. Take your pick . . . huge or small flowered; tall, medium or short; with or without odored foliage; striking colors ranging from the long elusive white through sunny shades of members up to date on yellow, gold and orange to marigold news. rich mahogany red.

famous for their dramatic, plant marigolds this spring kingsize blooms, for a more colorful Spectacular for garden summer? You'll be joining display and flower many cities that are arrangements, Golden promoting beauty and Climax Improved Hybrid friendship with this All-

It's hard to beat versatile Marigold puts on a long-Climax to get immediate

All the Climax marigolds Marigold, the pioneer hybrid flower. Introduced in 1939, Red and Gold Marigold was the first hybrid flower from seed to be offered for commercial sale in the United States. This marigold is still very popular today because it blooms fast from seed; its busy hedge-like plants are covered with masses of stays fresh in bouquets for water is changed

Red and Gold Marigold, a triploid "mule" hybrid from between the large flowered dwarf French marigold, has been joined by many newer, ever-blooming varieties spectacular for borders, edgings, pots and other containers. These include O'Boy' series, Happy Days, and Janie, a 1980 All-America Winner, are all French types that put on a Over the years David flashy summer-to-fall Burpee and his flower colorama.

Thanks to the vision and effort of flower breeders, marigolds continue getting better year after year. Popular as they now are, they even will become more appreciated in the future through publicity from the Marigold Society of America. Founded on July 27, 1978, this society is an ever growing group of enthusiasts who love marigolds and enjoy sharing information about them. Details about joining the Marigold Society of America are available from National Headquarters, Box 1776, Stillwell, Indiana 46351. Bulletins keep

New this year, Golden Why not encourage your Climax Hybrid Series neighbors and your town to

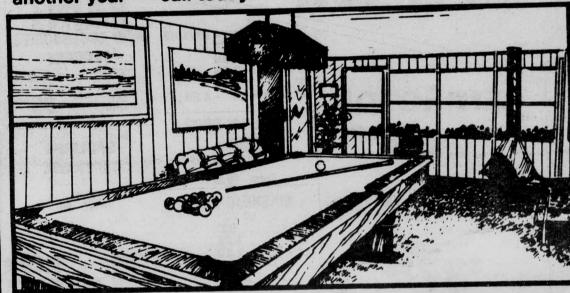
American flower. Burpee's 1980 Spring Seed Catalog lists many different varieties of marigolds for all purposes and shows you what they look like in a true-color pictures. If you don't have a copy of this catalog, you may request one FREE from the Burpee Branch Office in Riverside, CA 92502.



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Shaker furniture has simple style

Nostalgia for a bygone simpler way of life - real or imagined - has led to a resurgence of interest in Shaker furniture and home

Members of a strict. religious sect which attracted a modest following in the late 18th and early 19th centuries in the walls with white and the United States, the Shakers, or United Believers in Christ's Second Appearance, withdrew into room's rustic ambience. communities of their own and austerity.

shunned Shakers ostentation ornamentation. Their watchwords were order, purity and cleanliness. And their religious convictions were reflected in the interiors of their communal

Since Shaker decor was characterized mainly by lack of decor, that's the effect designers strove to

Seeds from solons

Beginning in 1839, thrifty gardeners could get seeds free by writing their congressmen. It was part of a congressional policy of encouraging agriculture. In 1912, some 63 million packets of free seeds were distributed, nearly all seedsmen.

achieve in re-creating the Shaker style in a modernday family room. Almost devoid of colors and patterns, the family room succeeds in being positively soothing and restful, just the place to relax from the toils of the day.

The designers splashed covered the floor with a white brick-patterned floor that furthers the family

The room's most where they lived spartan distinctive features are the lives of hard work, devotion massive chest, wood-and austerity massive and ladderback rocking chair, all Shaker authentic reproductions

To keep their possessions in perfect order, Shaker houses often featured entire walls of built-in cabinets and drawers. The chest in this family room serves the same purpose, plus other distinctly un-Shaker-like ones such as affording a convenient perch for a portable TV

Since Shakers considered fireplaces to be dirty and they inefficient. manufactured their own wood-burning stoves which they used for cooking and heating - an idea that's rapidly coming back into style in our own energysqueezed era.

Each community also manufactured its own furniture from prototypes produced by American supplied by the mother colony at Mt. Lebanon,

Shaker furniture, though made in various locales, all has the same straight lines and purity of form. (Every bit as clean-lined as contemporary furniture.) Their furniture - the ladder-back chair, for example - was also noted for sound construction, lack of embellishment and functionalism.

The only pattern in the room, except for the "brick" floor, is the brownand-white gingham of the curtains. Rounding out the Shaker look are the brass kettle, brass lanterns high up on the wall, iron candleholders and a family of hand-painted ceramic

Most people transplanted into an authentic Shaker home would it hard to relate to the severity of the surroundings. beautifully designed Shaker pieces in a proper mix with other furnishings can achieve a simple style that's pleasing to nearly everyone modernists.



This Shaker-style family room is nearly devoid of colors and the only two patterns in the room are the gingham curtains and brick-design Armstrong Solarian no-wax floor. The utter simplicity makes for a serene and soothing environment.



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How to fight two lawn ills

By PATRICK DENTON Copley News Service

that most homeowners turn nice as that. their attention to in the spring is the condition of the itself as a band of dead front lawn. Even those who grass forming a ring or forego the more involved partial circle with dark aspects of gardening tend to green grass bordering both take pride in the sides of the band. The appearance of their affected grass is about four 'outside carpet."

There are a couple of centimeters). rather common spring lawn Mushrooms often appear problems that I have been around the ring in spring asked frequent questions and autumn. A mass of

silvery dance on your lawn in the moonlight, I'm afraid Probably the first thing Fairy Ring isn't quite so

> This disease manifests to 12 inches wide (10 to 30

about lately. One is a white fungal growth can be disease called Fairy Ring. found in the soil beneath the

disease, which spreads quickly once established, by the mushroom spores. Like any disease, it is less likely to occur in healthy lawns. Keep the grass in healthy, vigorous condition by aerating regularly, watering and fertilizing adequately.

The simplest method of trying to control Fairy Ring is to aerate the ring area thoroughly with a garden fork, then soak the entire area with water on a daily basis for one month.

Another common lawn problem that many people have inquired about this

spring is Snow Mould. This is usually spotted as the snow melts back and has the appearance of a greyish, cotton-like mould on the grass.

It's actually preferable to protect the lawn from this infection in the fall, just before freeze-up, by applying a good dousing of a lawn fungicide to the disease-prone portions of the lawn.

However, if you don't spot the problem until spring, it's simply a matter of taking a stiff broom and sweeping away the mouldy growth and then applying the fungicide.

If the infection is not too severe, your lawn grass may well recover without treatment but it will likely be much later than your neighbor's lawn greening

Hand in hand with an early inspection of the lawn is a similar inspection of the lawn mower, which, conscientious individual that you are, was carefully stored away after oiling and greasing last fall.

If you figure the blade needs sharpening or the machine needs servicing, it's a good idea to take it realized that was all I really

into a service depot before needed. Why should I they get swamped with similar spring work.

I recall the happy day I switched from our noisy, fume-belching powermower to a neat, quiet push type.

Soon after moving from a property with an acre of lawn to a city lot, I spotted a neighbor, an elderly gentleman, leisurely cutting his front lawn with one of those very light handmowers. I suddenly

continue humping a highpowered monster up and down garden steps, breathing in all those gas fumes and creating unnecessary noise in the neighborhood, all through sheer force of habit?

So I put a classified ad in the local paper, sold my gas belcher, and with the proceeds obtained a shiny new handmower that I find requires far less exertion. I've never regretted the

Though the name dead grass. Water cannot conjures up images of elfin-penetrate it. like creatures performing a Fairy Ring is a fungus

Dramatic rise in sales

Treated wood popular

Pressure treated wood is meeting a growing demand in residential uses by both builders and do-ityourselfers.

Building Supply News, the leading publication insulation. serving lumber yards, last year.

category sold in America's with the ground. Another is home centers and lumber its relative economy as yards last year, leading compared to redwood and popular energy-related items as wood and coal burning stoves, and

Consumers reports that pressure discovering the many treated wood registered a advantages of treated wood dramatic sales increase for outdoor use. One prime reason is its outstanding In fact, the magazine lifetime resistance to states that pressure treated insects and decay, making

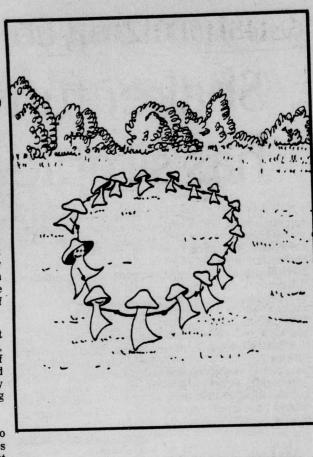
> (714) 621-6705 CLOSED SUNDAY & MONDAY

cedar. A third reason is its availability providing a dependable source for wood that must resist moisture, insects, and decay and lasts "a lifetime."

As a result, pressure treated wood is becoming a "most wanted" product for decks, patios, gazebos, fences, retaining walls, planter boxes, walkways,







Customizing condo adds very personal touch

By BARBARA HARTUNG Copley News Service

Q. My husband and I have planned to buy a home, but with the costs rising so fast we have decided instead to buy a condominium and then later a separate house. I am somewhat disappointed because it seems all condominiums have a drab look-alike appearance even on the inside

Please help me with decorating plans of a small condominium living room. I have a choice of colors of wall paint, carpeting and draperies (for two mediumsized windows)

We will be buying a sofa and some chairs to furnish this room. We like natural colors and a rather contemporary style. - T.H.

A. Don't be too disappointed, at least you can customize your condominium living room. There's nothing that says you have to approach your decorating plan from a low, common denominator.

If you like natural colors, what about a brown, beige, cream and blue color scheme! You might start with medium-brown carpeting and light cream walls with matching sheer Add sand of light cream. Add some extra interest to a wall with diagonal panel-

Choose a sofa or a page of love seats in light beige. A large lounge chair or a pair of club chairs in blue would introduce some contrasting color. Add another chair of blue, brown, beige and cream in either a floral or stripe design.

Or add some additional interest to your floor with an area rug repeating the color scheme of your room.

Q. I have a hard time choosing how much pattern I need for a room. A few years ago I saw lots of rooms with lots of pattern, but I am afraid to try out very much pattern. Are there some rules of thumb that would guide me? -L.P

Yes, we have gone through a period of pattern heaped upon pattern and sometimes the results were more jumbled than good looking.

Some professional designers are quite good at combining a half-dozen different sizes and kinds of pattern. But for most of us, it is better to go easy and use fewer.

Here are suggestions. Avoid more than one dominant pattern in a room. Usually you'll find when you put three or four patterns together, one is obviously dominant. If you have a hard time

three are dominant, choose the one you like the most and remove the other two.

Don't use a very large pattern on a small piece of furniture (like a tiny rocker) or in a small room. Perhaps you will recall tiny provincial patterns put on upholstered furniture in small Colonial rooms. This is good decorating. The small pattern doesn't overpower the room.

You can use a large pattern and a small pattern in a medium-sized room, or a stripe and a floral together because stripes usually play a secondary role to a floral.

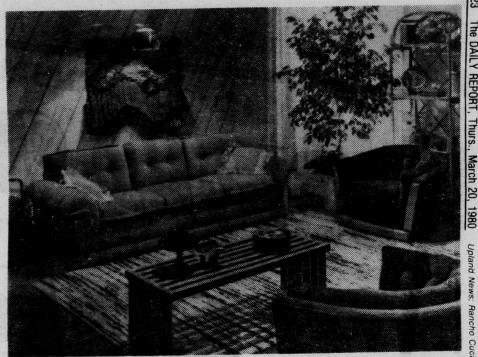
Q. I have a sliding glass door I've just added in an extra bedroom. The door is

deciding which of two or seven feet wide and there is an additional 3.5 feet to one side of the door that is wall.

How would you treat this sliding glass door? Would you drape the door and the 3.5-foot piece of wall?

I like to be able to see the door by day, but I want complete privacy at night.

A. I recently saw what I thought was a very exciting treatment for a room similar to the one you describe. Three 3.5-foot sliding panels were created like shoji. The homemaker chose some beautifully silkscreened fabric for the shoji and trimmed the edges in a painted wood frame. One panel was placed in a stationary position on the plain wall



Condominium customizing is done is this living room where a wall of diagonal wood paneling and a

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VISA



UPI Family Editor

Attorney Stephen A. Newman says automotive, television and appliance repairs and home improvements 'represent probably the most significant consumer problem in America today.

They cause the most grief and often are expensive. They're repeat purchases. The consumer has the least amount of knowledge and the seller, the most.

Newman, a professor at the New York Law School and a specialist in consumer law, says a lot of how-to-do-it manuals grew out of the frustrations consumers suffer in

dealing with repair people and companies.

Now Newman and Nancy Kramer, another New York
City lawyer, have written a manual themselves.

"Getting What You Deserve" (Doubledy-Dolphin,
\$8.95 paper) is based on the federally-funded pilot project they conducted at New York Law School from 1975-78. He and Ms. Kramer were co-directors of the Consumer Law Training Center. At the time, she was senior attorney for the New York Public Interest Research Group, Inc., one of the nation's largest private consumer advocacy organizations. Ms. Kramer has since become director of the Committee for Public Justice, a national civil liberties organization.

The center was a joint consumer education program of the law school, NYPIRG and Brooklyn Legal Services Corp. B, which provides free neighborhood legal services to the poor as part of a city-wide program. Funding came from the U.S. Office of Education, Community Service

and Continuing Education Program. The center's students were about 120 community leaders from organizations and schools in the New York

City metropolitan area.
"I'm not confident all the work we did will reach the right people," Newman said in an interview. "Consumer education has to be done on a very local level."

But he is encouraged by the response starting to come in from settlement houses and adult education programs using the center's materials.

Some have used consumer rights curriculum to teach English as a second language. Some use it for individual counseling.

Both represent the sort of creative use Newman would like to see more of.

He said the training manual tells how to teach teachers, who can then go into their communities and teach consumers how to avoid rip-offs and what to do if they think they have been ripped off.

The introduction to the training manual spells out the advantanges and disadvantages of educating consumers directly versus advocacy training or teacher training:

-Direct consumer education reaches relatively few persons. Small classes are inefficient, but large ones

Chinese pieris gives yard year-round color

If you ever wanted a plant with year-round interest, Chinese pieris is it. Because of its individual character, it is an outstanding attention - getter in the garden. Use it to emphasize a special corner of the patio or your entryway where its qualities will be fully appreciated.

This plant is an evergreen shrub whose new growth in the spring surprises you by being a flaming red to a pale salmon pink. Later on this growth turns into long, wide leaves of dark green. In the fall, delicate strands of greenish pink buds hang from the branch tips and when these bloom in early spring, they are pearl white and urn-shaped. The shrub, itself, grows up to six to ten feet in an open manner. Some of the newer varieties can be

Plant Chinese pieris (Pieris forrestii), the reddest of all pieris, where it will receive partial shade as it needs protection from the hot afternoon sun. The soil around the shrub should be kept moist at all times and the plant should be protected from the drying winds for maximum beauty along with providing an "acidic" soil. Feedings of iron chelate will help. In other words, treat it like an azalea, and you can't miss.

This shrub is at its height of attractiveness when planted by itself or with othe pieris species like the lily of the valley shrub (P. japonica) which resembles the Chinese pieris except that their leaves are pointed, the flowers smaller wnd the new foliage is a bronzy pink to red. Other good companion plants for the pieris would be azaleas, rhododendrons and ferns.

You can use Chinese pieris as an espalier in shaded locations. It is slow growing and well mannered which makes it easy to care for.

allow little or no time for discussion or feedback from students. It becomes difficult to determine if they've learned anything or if they can apply their knowledge and skills outside the classroom.

-Advocacy training is partly aimed at resolving existing problems, and learning to cope with bureaucrats.

-Teacher training reaches more consumers and can tailor programs to each group's special needs and

Their trade book covers the same ground in even greater detail. Among other things it tells how to:

-Buy new and used cars;

-Complain effectively; -Recognize and avoid frauds and con games;

-Choose a contractor for home improvements;

-Evaluate health clubs and other lesson-giving organizations, moving companies, mail order businesses, repair shops, travel and vacation services;

Establish credit and examine your credit file. Other subjects include health care, legal matters from choosing a lawyer to using a small claims court, and how to qualify for the latter. The last part of the book tells how to form consumer groups and cooperatives and how to use picketing, leaflets and boycotts effectively. There's even a directory of federal consumer offices arranged alphabetically by subject, from advertising to

The book is available through bookstores and book departments nationwide. The teacher training manual is \$15 a copy from: Consumer Law Training Center, New York Law School, 57 Worth St., New York, N.Y. 10013.



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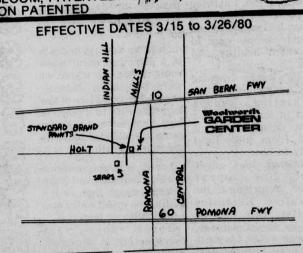


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Vegetable sprouts add color, taste to meals

that surprises nutritious, tasty, different and not too expensive? Vegetable sprouts are a quick and easy answer. It's fun to garden indoors in jars or with commercial seed sprouters. In just a few days, usually about 2 to 7 depending on the vegetable variety, you can have usually floats off the skins sprouts ready to use in of the seeds. Then turn the sandwiches, salads, orienjar on its side and shake out tal dishes, soups, casseroles and other ways you'll enjoy

trying.
Wide-mouth quart jars covered with cheesecloth or with mesh screw tops . . . coarse for large seeds like mung beans and soy beans, finer for smaller seeds in cluding Curlycress, alfalfa and radishes . . . are handy finer for smaller seeds inmaking sprouts. usually have several jars going at a time," says Jean LaRue, Burpee Seed Co. artist and avid cook. "This tist and avid cook. "This way I can have different various stages of development. Some are always ready to use."

are safe for edible purposes for sprouting. Rinse seeds and put about 1 tablespoon fine types or tablespoons of large kinds in each jar. Add enough water to cover the seeds more and specialty cook

How can you whet winter and set the jars in a dark appetites with some menu place at room temperature overnight. From then on, pour off the water twice daily, once in the morning and again in the evening. Rinse the sprouting seeds by holding the jar under a stream of water from a faucet. This rinsing keeps the sprouts from getting gummy or spoiling, and usually floats off the skins excess moisture. As the seeds sprout, you may want to move the jars to a bright spot so the shoots turn green and fresh-looking.

Children will love to help you make seed sprouts. This is a great way to introduce youngsters to the wonders of growing plants. Results are quick and that's what little ones like. Curlycress sprouts are ready to use in a couple of days. Mung beans and soy beans may take up to 7 days. Alfalfa, cabbage mustard greens and varieties of sprouts at radishes come in between Sprouts are ready to use ment. Some are always when they are about ½ inch long or longer. Take them out of the jars and store UNTREATED SEEDS that them in sealed plastic bags in the refrigerator until in the refrigerator until meal time. The sprouts will keep well for several days.

Here are a few menu suggestions for sprouts You'll no doubt think of lots

books also have tempting recipes. Mix Curlycress, radish or mustard greens sprouts with cream cheese, sour cream or plain yogurt for delicious tangy dips or spreads. Use mung bean or soy bean sprouts in oriental dishes. Substitute alfalfa sprouts for lettuce in ham and cheese or bacon and tomato sandwiches. Serve egg salad, chicken salad or fruit salad on a bed of alfalfa sprouts. Combine almost any kind of sprouts with salad greens to add crunch and taste.



Wide-mouth jars covered with cheesecloth or mesh screw tops are the 'garden' of tasty and nutritious vegetable sprouts. Most sprout

growers use cress, alfalfa and radish seeds, although a wide variety of vegetable seed are appropriate for sprout farming.

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Checklist for indoor plants growth, health

If your house plants are tap water not looking their best, probably something in their environment doesn't agree with them, says Ray Hasek. University of California environmental horticulture specialist.

check points for symptoms of droopy looking plants and a possible simple cure to make them healthy and upright.

Are the leaves dropping off? Causes could overwatering, sudden changes in temperature, a nutrient deficiency or a change from high light intensity to low

Sometimes leaf edges and/or tips appear scorched. According to the Cooperative Extension specialist, this can be caused by insect damage, not enough water, too much fertilizer or accumulation of salts in the soil. To remove salts, leach by running water through the percent of the water applied soil, then water with a seeps out the bottom of the combination of one-half pot, but not so much that combination of one-half pot, but not so much that distilled water and one-half the plant stands in water.

The foliage color of your plant may be a lighter green than normal. Check overwatering, too high temperatures or lack of nutrients. If none of these pecialist.

He offers the following possible insects might be present on the undersides of

> Shoot tip damage or death of a plant can occur when roots stand in water or when a plant is suddenly changed from a place of low light intensity to a place of high light intensity. Insect damage could also cause tip damage or death.

> Lower leaf deterioration is a sign that the plant is not getting enough light or it's getting too much water or a combination of both.

> Hasek says that overwatering is the most common cause of unhealthy plants. He advises watering the plant so that about ten

Shed best for storing yard tools

Mower, wheelbarrow, rake, spade, trowel, trimmers, pruners. Add fertilizers, sprays, dusts, and a host of related accessories, and you have the indispensable paraphernalia of the home gardener.

These also have the distressing habit of piling up along the garage walls, until the car stays in the driveway and you enter at your own risk. Assembling garden gear isn't the problem — storing it is.

There's a stock solution that comes in a couple of cartons. They're lacking in individuality: just slip Tab A in Slot A (repeat through Z). These "prefabs" are mostly of metal, though some are of wood.

A better idea may be to plan and build a garden shed to suit yourself and your garden. And don't put it in a corner behind a hedge.

Blend Shed in Garden

Make your structure part of the garden plan. When coordinated with house and fencing materials, style and color, it will serve unobtrusively as needed storage, but also can be a pleasant backdrop for nearby plantings.

Just as in house building, lumber is the most practical framing, for it's easily worked and is flexible for any size and shape desired.

For the exterior, western red cedar siding is unexcelled for blending warmly with garden colors and textures. Left to weather naturally or stained in an earthen hue, saw-textured cedar harmonizes with shrubs and trees — and will outlast many of them.

Keep dishwasher soap dry, cool

Dishwasher detergents readily take up and retain moisture and carbon dioxice gas from the atmosphere. When this occurs, the product may become lumpy. As long as it properly dissolves, it can be used, but may be less effective. Because of this, the product should be stored in a cool, dry area. Under the kitchen sink is generally too warm and moist to keep the detergent in optimum condition. An upper cabinet is better. Besides, it is safer if young children are in the home, stresses The Soap and Detergent Association.



West that had been save take been back high

Remodelers get kitchen layouts they will enjoy

not love a kitchen tailored needs? Remodeling may be the way to get it.

One of the winners in a recent kitchen design stock cabinets certified by the National Kitchen & Cabinet Association, was designed by John Amundsen, president of Inc., of Bellevue, Washington.

Amundsen solved the homemaker's need for additional work and storage space with a four - by fifteen foot addition to the existing room. To create an

Wash with suds

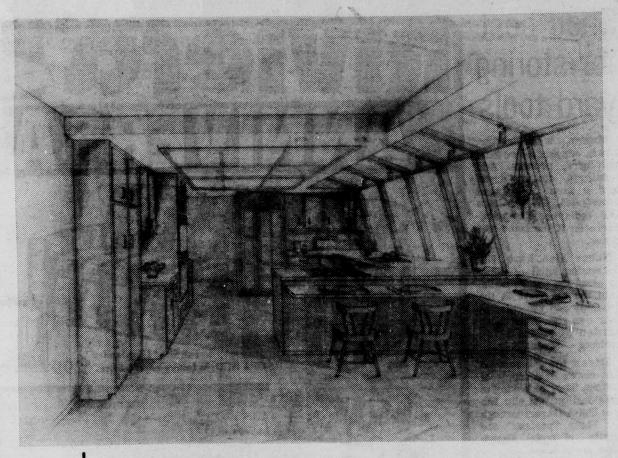
Wastebaskets need frequent washing. Check receptacles throughout the house - kitchen, bathroom, study areas. Wash with a sudsy sponge. You also may want to add a disinfectant to the wash water. Rinse

What homemaker would atmosphere of added spaciousness, Amundsen to fit the family's individual installed a wall of greenhouse - style windows that open the kitchen to the outdoors.

working competition sponsored by countertop, which doulbes the American Institute of as a snacking counter, Kitchen Dealers is a case in conserves kitchen space. point. The award - winning Stock cabinets provide kitchen, which features eesily accessible storage with such features as lazy susans, adjustable and slide out shelves and tray dividers.

The use of NKCA Custom Designed Kitchen,s certified cabinets in kitchen remodeling, however, gives consumers more than good looks and convenience. Cabinets that display the NKCA certification seal are designed to provide years of service despite hard use and abuse in the kitchen.

To earn the certificaton seal, cabinets have to meet the rigid construction and performance standards of the American National Standards Institute (ANSI). These standards are verified by rigorous testing of the cabinet's structure and finish in independent



This award-winning kitchen features stock cabinets certified by the National Kitchen Cabinet Association and a wall of windows that open the kitchen to the outdoors.

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Tax assessment may be well worth appealing

Copley News Service

swimming pool and so depending on the judgment if he appealed, forth, because of present-circumstances, and that it particularly if he had day high costs of materials

and labor, the expense of financing with interest rates now running 13 to 15 percent, and the fact that the improvement adds to the assessed value of the property at the market rate or cost, thus increasing the annual tax bill.

As far as the latter is concerned, the California owner will pay only 1 percent a year tax even if the improvement is assessed at full value, thanks to Proposition 13.

In this connection, I received an interesting letter from George F. Houston of Orangevale who in 1978 installed a swimming pool at a cost of \$10,250. He was under the impression that a swimming pool addition would increase the assessed value of the property by about half its actual cost.

But the tax assessor came around in January 1979, and the later assessment notice increased the value for tax purposes by the full cost, plus the amount allowed annually by Proposition 13.

He then retained a professional appraiser who advised him that the pool added only about \$5,000 to the actual value. He wanted to know if I had any valid information that would support his claim when he took his case to an appeals hearing.

I had no positive information or evidence to offer in his behalf, but I did have an opinion, strictly a personal opinion, which I relayed to him. First, I thought he made an excellent decision in obtaining the services of a qualified professional appraiser, whose testimony should carry much more weight than any offhand opinion of others.

Second, I suggested that he find a few comparables - examples of others in his or a similar neighborhood where owners have installed a swimming pool at similar cost and determine what their experience had been - whether their pools went on the tax rolls at an assessed value lower actual Comparables are supposed to have a lot of influence, if you can find suitable comparables.

Houston's contention was of enough interest to me that I made the effort of checking with the San Diego

for advice. I was informed assessor's judgment. Some owners are that yes, the assessor has reluctant to undertake the right to increase an home improvements, partiassessment by the cost of tion to Houston and cularly large projects such an improvement. But I was suggested he had a as room additions, major also told that the increase in reasonable chance to

County Assessor's Office really is a matter of the

So I relayed this informakitchen renovation, new the assessment could vary, challenge the assessor's

suitable comparables.

Houston appealed. And he lost. I found his subsequent reply and explanation rather interesting:

"Thank you," he said. "I wrote three different columnists (about the problem). You were the only one kind enough to

"I lost my appeal. Since the question involved approximately \$50 a year in taxes, it would have been

the case.

the hearing room with the feeling that if this had been a big case, that if I had retained a lawyer and/or a knowledgeable real estate appraiser to appear for me at the hearing, I would have won the case.

appraiser, who gave me an appraisal on my house, with three comparables, which gave me six comparables. In the hearing, the county self-defeating to invest a assessor did not have any

the statement that 'However, I came out of 'Proposition 13 gave the county assessor the right to increase an assessment by the cost of an improvement.'

"I asked him, 'If I had lost my mind and spent \$200,000 on the pool, with this \$70,000 home, would "I did retain another you have increased the assessment \$200,000?' I then stated my comparables showed that \$10,000 was not a reasonable increase. He said it was. The appeals board voted for him. Very cut and dried."



This is a perennial question with many Californians and with gardeners throughout the and get into action. country. A fine lawn is the garden's greatest asset, but

The perennial question: Is it time to replant?

attention and often when we move into a home, the lawn has already suffered from neglect. Spring is the season to make our decision

or merely renew the old a fine lawn requires re-established if it suffers only from a weed invasion or from bald spots where traffic has been heavy. If there are real drainage problems, or if bermuda grass has taken over completely (and if you feel A neglected lawn can be you can't live with bermuda

called for. Perhaps the easiest way to make your decision is to ask a local member of the California Association of Nurserymen. Let him decide for you from a professional standpoint.

Bermuda grass has long though, many nurserymen

been a bother in California, but today it is not unusual to see a knowing gardener kill off his old bermuda and replant his lawn — to bermuda.

There are hybrid bermudas available which have proven themselves not only tough underfoot but lovely to look at as well. These are especially useful in southern California but may be used wherever bermuda seems to crop up (and where doesn't it?). If you want something new,

recommend trying the newer fineleaf rye grasses

To grow well, a lawn needs a loose root run. This keeps the soil warmer and permits water penetration. Old lawns should be renovated with a coring tool or spker. New lawns should be keenly worked over before sowing with plenty of humus worked in. Your nurseryman can give you all the details on planting a new lawn or renewing an old one. But don't wait, the time to start rebuilding that beautiful turf is now.

Plant in tubs

Tree roses make attractive patio decorations

Outdoor living in California means wide expanses of patio living areas, balconies and redwood decks. This calls for distinctive but movable decoration. Tree roses are probably the most stunning answer to this modern need for portable plant accents.

Tree roses are man-made plants that can be almost any rose variety. As a rule, they usually consist of three plants: a sturdy rootstock on to which another rose variety is budded that produces a sturdy trunk, or standard, which in turn supports a budded on plant that forms the flower bearing crown. Redwood tubs 16 to 18 inches or more in diameter are suitable for potting rose trees. Smaller sizes do not allow enough room for root development to keep the tree growing and blooming normally. Remember, when planting any growing plant in a container, adequate drainage must be insured. Bits of gravel or pottery placed on the bottom of the container are excellent for this purpose. As far as the soil is concerned, an all purpose potting soil either mixed with garden soil or used straight from the bag is recommended says the California Association of Nurserymen.

As all roses like ample water so do these tree roses watering throughly at least once a week during summer or maybe more often depending on the heat. It is a good practice to use a combination fertilizer/insecticide once every six weeks for roses are heavy feeders and the in-secticide will help keep the aphids off your plants.

Varieties to look for are the 'Tropicana' with its orange bloom; 'Mister Lincoln' a fragrant rich red; 'Summer Sunshine' clear, free blooming yellow; 'Alabama' a lovely pink; 'Double Delight' a pure white bloom; or even the 'Peace' with its pink/yellow com-

Though roses require regular maintenance they are well worth your effort for the beauty of the "queen" of flowers is unsurpassed. And one of the advantages of planting rose trees in a container is the ease with which the plant can be given proper quantities of sun. Too much shade and your rose plants would have a tendency to mildew and become leggy. Complimentary annuals to plant at the base of your tree roses would be dwarf marigolds, alyssum and petunias. Check with your nurseryman for other suggestions.

Lehigh School students plant Arbor Day tree

To celebrate Arbor Day 1980 the students at Lehigh Elementary School in Montclair held a school assembly and planted a "Callistemon Viminalis." The program was directed by Margarita Horner and highlighted the schools observation of National Wildlife



Gardeners are most often senior citizens

The percentage of gardeners increases with age, peaking among younger retired people. Usually, older people don't give up gardening until they move out of their homes, begin traveling widely, or become too infirm to spade and cultivate the soil.

What older people get out of gardening depends partly on their financial condition. Relatively well-off older people are in it more for pleasure than for the dollar value of the vegetables. However, if you talk to senior citizens who are "farming" plots in community gardens, vou'll find that most are hard hit by inflation. They enjoy food gardening but place major importance on the savings in food budgets made possible by garden

Among older people, gardening leads all other hobbies. Gardening sets their lifestyle and dominates their calendar. They watch the weather closely and seem to have a sixth sense about when and how to plant.

Gardening is the most democratic of all hobbies, cutting across income lines. Wealthy professional people can't wait to shed their fancy suits and get into old denims and gardening shoes. Line workers, who have learned that being creative can bring strange looks from fellow employees, leave their frustrations behind and create gardens that are masterpieces. As one grows older, gardens become a place to retreat from pressures and demands — to some, a sanctuary

Gardening provides a pleasant, natural way to remain active and to relieve tensions. One doesn't have to be a physical powerhouse. A small person can easily manage

a 500 sq. ft. garden.

One doesn't need unlimited time. Commuters can grow vegetables and flowers at dusk or on weekends. It's amazing how little care gardens need to survive. Older people are adept at inventing ways to reduce the work even more

Across the country perhaps the labor - saving innovations most often seen are mulches to keep down weeds and to reduce water loss by surface evaporation.

It is sad to see the millions of senior citizens who know how to garden and would like to, but live in inner city areas. The Federal government, municipalities and churches are sponsoring community gardening programs. Local chapters of 4-H and Future Farmers of America occasionally cooperate and the friendships that develop between these youths and the oldsters are beautiful to see. The young learn while they fetch, carry and dig for those who are too fraill. Churches are beginning to sponsor gardens for senior citizens and even to assist them in canning, preserving and sharing food.

The National Garden Bureau expects gardening to increase sharply among older people as inflation worsens, particularly among those on fixed incomes.

Gardening can easily net \$2 to \$3 per hour profit, tax

free, if a person works his land intensively. This may not seem like much but one earns it in his spare time and is not penalized by Social Security rules.

If you are an older person and are not now growing your own food, perhaps this is a good time to reconsider your priorities. It may sound trite, but where there's a will, there's a way!

Put annuals in planter boxes

With the outdoor living and alvssum. season approaching, give colorful annuals in tubs or planter boxes for display on the terrace or deck.

some thought to planting look terrific massed in

All are easy to plant and cramped quarters such as planter boxes to make an outstanding display says the Some good choices would California Association of

be petunias, lobelia, violas Nurserymen.

Flowering quince blooms again

beauty of color, flowering it starts blooming right in quince bears large clusters winter when cut flowers are of flowers opening in somewhat scarce in the succession and blooming garden. Then you can cut two and sometimes three them as the buds start to times in spring.

Another happy feature of blooming in the house.

Besides their great the flowering quince is that swell and let them finish



The number of garders increasers with age, and some seniors garden for fun, while others garden to cut costs. Among older people gardening leads all other hobbies and cuts across all income and social lines.

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Use lacquer or wax to keep brass objects tarnish-free

By GENE GARY Copley News Service

Q. Would you give us some advice on two matters? First, we have some very nice brass lamps which we have been polishing for many years. They are beautiful for a day after being polished, then they tarnish quickly.

Is there some product we can use to coat the lamp bases after polishing, so that they would retain their shine? Or can we take the lamps someplace to have this

Second, our lawn-edger has shot a stone through a picture window. We have a hole that is about one-fourth-inch wide with small cracks around it. Can this be filled with a substance that will seal the opening and not look too bad. — Mrs. G.F.

A. After cleaning the brass, go over the surface with naptha to remove any polish or finger marks that may remain. Then spray with clear lacquer. This will protect

the brass from corrosion. Another method is to wax the surface after cleaning.

About your second problem, I know of no way to mend the glass in the picture window. The best and only remedy that I know is to replace the window.

A. We need some advice on a shower head. It is the type you can change the flow from the tub faucet to the shower head with a knob. It worked fine when it was new. Now, however, half the water flows into the tub and the other half from the shower head when the knob is fully turned to its limit.

What needs to be done to allow all the water to come out of the shower head and none through the tub faucet? It was frozen a couple of times. Does it need a special washer? It was changed once. Is there an adjustment needed on the knob? — John A.P., Sagamore, Pa.

A. It may be caused by buildup of scale in the shower head. Remove the shower head and clean in a solution of

water and white vinegar. If the snower head is defective, it will need replacing.

I also highly recommend inspection of the hot water line by a competent plumber. Such a condition cannot be caused by an obstruction in the pipe or possible buildup of scale inside the pipes. This type of examination is not one for amateurs unless thoroughly versed in plumbing practices.

Q. I have two box-like night stands which are finished with lacquer. The stands are beginning to chip on the corners and I can see bare wood. They are finished in off-white. I have never worked with lacquer. Does it have to be sprayed on? If so, I couldn't handle that because of the runs.

Could I repaint this furniture, using another kind of paint — that is, if you can't brush on lacquer. The present lacquer has been on 10 years. Does it have to be removed before I refinish the furniture? — Margaret D.

A. Lacquer can be applied with a brush. Here are the fundamentals a beginner should remember: Mix the lacquer 50-50 with a lacquer thinner. Never lacquer over a painted or varnished surface. Use a brush not previously used for paint, varnish, shellac or any other finishing material. Apply the lacquer in broad, sweeping strokes. Never go over the same area twice, and apply two, three or more thin coats rather than a single thick one. You can lacquer over lacquer, if the present coat of lacquer is still in good condition.

2

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Decor Score

Modular beds fit grandkids

By BARBARA HARTUNG

Copley News Service
Q. Our grandchildren visit us frequently, so we're converting one bedroom of our home into a contemporary haven for them when they're with us. We like modern designs with a no-clutter feeling.

Do you have any suggestions for helping us create a mod spot for the youngsters? We don't particularly want to have anything built in because we might want to move and take the furnishings with us at some future time. L.D.H

A. Two units would provide plenty of room for sleeping as well as storage for clothes, books, toys and other

This furniture is stunning, too. It's a combination of painted surface with wood grain — crisply contemporary but with plenty of warmth

Q. I'm a young bachelor trying to furnish an apartment in early hand-me-down. I have a curved sofa and matching "barrel" chair in dark rattan with a loud pattern of orange, gold, brown and off-white, a dark dinette in Danish modern, a corner cabinet in antique avocado, a brass pole lamp with an off-white shade, offwhite curtains and deep, red-rust carpeting.

I plan to buy good furniture slowly, piece by piece. What should I start with and how can I avoid the mishmash I have now? - A.W.B.

A. What you describe as a mishmash might easily be converted into a most respectable collection of furnishings with a little work and thought.

Approach your question both from the short-term and the long-term point of view. For short-term fix up what you have with a few dollars and some creativity. You can learn how to decorate and paint and perform minor magic on things you don't care too much about. And you'll have a nice place almost immediately

Make or have made new covers for the rattan furniture and the dinette seats. Choose a fabric of off-white, brown, beige and red-rust. Then try out antiquing by changing the avocado corner cabinet to an off-white. This way you will have tied in your various colors.

If you inherit other hand-me-downs, do the same thing. If you need additional seating, some inexpensive basket chairs could be added. Then make cushions out of the ex-

For the longer time, consider going to a store whose furniture you admire and can afford, even if only a piece at a time. Ask for some interior design help. Most designers will suggest starting out by putting a major amount of money into upholstered pieces. Choose goodquality fabric and a well-made frame.

Think about flexibility, too. A pair of short sofas is usually better than one large sofa. A lounge chair and ottoman is also a good investment in comfort and function. Solid color fabrics are often more flexible than prints or geometrics and the neutral tones are easy to live with and combine with other furniture later.

Etageres or bookcases are interesting grouped together for an entertainment center for television and stereo but they are flexible enough so you could use them later separately in a larger home.

The same goes for a dining set. You might choose a table and chairs you especially like now and plan to use them for a game table and chairs in larger quarters. But good wood and fine upholstery will be worth the investment. The furniture will hold up better and look infinitely nicer as you are living with it and enjoying it.

Please send questions for Decor Score to Copley News Service, in care of The Daily Report.

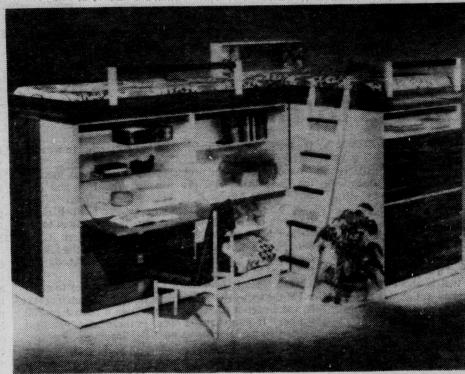
Baked hippo hits taste buds

no longer tingle for tuna, competition waited run rampant for roast beef, anxiously Tuesday, other Carolina Culinary Salon baked hippo and loin of lion. today might just jolt 'em back to life.

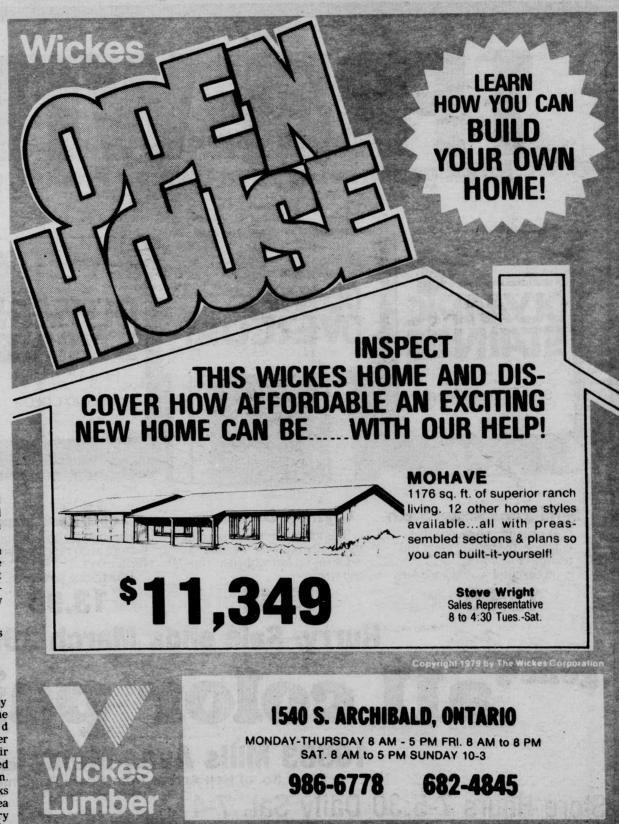
from North Carolina Germany.

CHARLOTTE, N.C. (AP) restaurants, and the nearly You say your tastebuds 100 cooking students at the chafe for chicken? A visit to master chefs judged their the tenth annual North creations that included

But it was strictly looks that counted in this area While some 50 tuneup for the Culinary professional chefs, most Olympics next year in



Compact and functional for sleeping and storage, this bunk bed module has rails on the bunks and bookcases, armoire, and a flipdown desk unit. The unit is perfect for apartment dwellers or wherever young visitors or residents can use a space saving modular system.





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Ventilating fans no glamor item but provide comfort, protection

may not be your basic ventilate the cooking surglamor item, but when it comes to providing comfort Institute (HVI), which cerand protection at low cost, tifies ventilating equipment these devices are virtually on the basis of capacity unmatched. When you're measured in cubic feet per making your remodeling minute (CFM) of air movto your ventilation needs.

tilation, but none more so than the kitchen. The biggest polluter in most homes, the kitchen generates an average of 20 pounds per year of airborne grease. Couple that with the Sodors, steam and smoke associated with an active kitchen, and the need for poper ventilation becomes obvious.

The most effective way to get rid of kitchen pollutants is by using a range hood mounted directly above the entire cooking surface and ducted to the outside of the house. You may have such a unit in your house, but you could benefit from updating the equipment. Newer range hoods are more efficient and quieter and are available in a wide variety of styles and colors designed to fit any kitchen motif.

For those with an inclination toward do-it-yourself projects, range hoods are relatively easy to install. It is important, however, to first determine the capacity helps assure comfort,

Bonsai society plans

show in La Canada

Georgia Flaherty, president of the society.

systematically pruning the roots and branches.

The Descanso Bonsai Society will present its annual

show March 29 and 30 at Descanso Gardens, 1418 Descan-

so Dr., La Canada. The show is held on the main lawn

and will be open to the public from 9 a.m. to 4:30 both

days. Several hundred plants representing 18

classifications of bonsai will be on display, according to

shrubs by confining them to small containers and

usually about 48 inches and the smallest, very dwarf, specimens under six inches, called mame in Japanese.

The plants are also judged by number of branches, number of trees in each container, flowering or fruiting

Conifers are favorite subjects for training in the many

trained into bonsai shapes. Popular deciduous trees are

In the educational section members of the society will

answer questions and give advice on the techniques of

Classification of bonsai plants that may be many decades old depends on several different considerations. The most obvious trait is size with the maximum height

Bonsai is the centuries - old Japanese art of dwarfing plants that would normally grow to be full - sized trees or

face. The Home Ventilating plans, it makes sense to ed, recommends that a fan give serious consideration provide a minimum of 40 CFM per lineal foot of Every area of the house range hood mounted on a benefits from proper ven- wall and 50 CFM per lineal foot for peninsula or island

> The bathroom also has a crucial need for proper ventilation to remove unpleasant odors while also expelling moisture which, if unchecked, can lead to damage such as peeling paint and wall coverings, rusting of fixtures, formation of mildew and warping

Again, a ventilating fan ducted to the outside of the house is necessary to control these conditions. To determine your capacity needs, HVI recommends multiplying the bathroom floor area by 1.1 (assuming an eight-foot ceiling). This calculation will give you the CFM rating of a fan needed to change the air eight times an hour, the standard recommended by HVI and the U.S. Department of Housing and Urban Development.

Proper attic ventilation of the exhaust fan protection and energy ef-

Home ventilating fans necessary to efficiently ficiency in your home. On a boards, beams and nails. hot summer day, attic This moisture then temperatures soar, and even if the attic is well insulated, this super-heated air will penetrate the house rusting of metal nails, below, causing discomfort staining of plaster, and even and overburdening of your rotting of timber or beams. air conditioning.

Nor do the problems abate in winter. Warm, the underside of roof tic temperatures near those creates a mild breeze which tributor.

penetrates insulation, decreasing its effectiveness, and can cause

A ventilating fan which is thermostatically and humidistatically controlled moist air seeps up from the helps to combat these

For attic ventilating fans, HVI recommends that CFM rating be at least .7 for each foot of attic floor space (15 fan draws in cool evening percent higher for dark air through open windows.

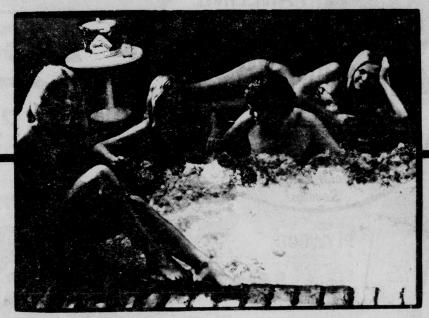
A properly installed much to decrease the workload of an air conthe much higher wattage, three. and therefore more expensive, air conditioner.

a hall in the center of the house below, condensing on problems. The fan keeps at-house, the whole-house fan

of the outside during the cools the occupants of the summer and expels ex- house. Tests have shown cessive moisture during the that a breeze of 2.5 miles per hour inside a house makes it seem ten degrees cooler than the actual temperature. At night, the fan draws in cool evening

To determine capacity necessary for a whole wholehouse fan can do house ventilator in your home, NVI advises multiplying total floor space in ditioning system. In some the house (excluding attic climates it can even replace and basement area) by

For more information about home ventilating. Mounted in the ceiling of contact your contractor, hardware store or ventilating equipment dis-



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plants, and recognized form. The classic forms range from the straight upright on to the slant, windswept, and cascade shapes forms of bonsai because they adjust well to container growing and their supple branches are relatively easily

Esthetically, it requires careful shaping so the miniature tree retains the same proportional values as a sized specimen. The horticultural demands such as pruning controlled fertilization, and container will also be discussed.

elms, ginkgoes, and birches.

bonsai, a blend of art and science.



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This new entryway angles pleasingly from driveway at side to the front door, bridging a slope and old steps. The entry and small deck off the dining room enliven the staid look of the house. The zigzagging rail is made of western red cedar, boxed around 2 x 4s, 4 x 4 posts, 2 x 2 base

Builders turn to unbuildable sites

being embellished with teach us this from their striking and ingenious exquisitely designed housing in these times of growing scarcity of "easy" lots and keening desire for through a graceful span of privacy and a view, often cedar. both at the same time.

cliff, in scaled down look of an older home also. version, has become the possible dream for more families, and builders are adapting systems to turn their dreams to reality.

are commonplace now, set on piling driven into the slope or on tall posts centered on concrete piers sunk down to stable earth or rock.

Orienting a house on a down-sloping lot often runs should not be solved merely by pouring steps and posting a sign that reads, "This Way Down." On an up-slope, a builder is fortunate if he can let the driveway do the walking.

Bridge Can Be Charming and planking offers a cedar planks boxed around practical, attractive way to a 2x4, supported on 4x4-inch link home and street, where posts. Vertical slats are the foundation is down the slope. An upper-story entry might level out all or most of the difference.

seem more stately. Today, everyone appreciates a level entry, especially the elderly. But for all, it benefits in the subtle way of establishing host and guest as eye-level equals.

'Unbuildable' sites are short one. The Japanese gardens, where almost any little stream must flow

An entry bridge can make The feudal castle on a an exciting change in the

Angles Attract Eye

Owners of one plain residence revitalized its appearance with an entry bridge from driveway to Homes high up on stilts front door, eliminating steps doing down, then climbing up. The drop had been only a few feet, but the easy new approach quickly erased memories of the old choppy route.

An interesting zigzag in the deck's outer edge and into problems of access that its railing adds zest to its shape and shows off large rhododendrons that had skirted the old steps.

Decking itself is 2x4-inch western red cedar, laid on spaced and paralleling the house wall. The heavy-appearing rail-Bridging with timbers ing consists of 2x6-inch spaced 2x2s.

The design is repeated in a shallow deck off the dining room. The two Steps were more common sections of deck and in years gone by, partly railings form a strong but cause they made a house pleasing contrast to the flat stucco face of the house.

Skilled designing is advisable for a new entry as dominant as this one. Anything less is likely to produce a distraction, rather than a well-There's a special appeal proportioned convenience about a bridge, even a low, that complements the house.







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Butter gold bullion to fool burglars

By MICHAEL GRANT **Copley News Service**

The winners in Family Rhomboid magazine's first annual "Home Security Sweepstakes" are:

Fourth Place - A set of deadbolt locks for every room in the house to Vanity Polyp of Tectonic, Calif., for her tip on butter-plating gold.

"Simply melt a pound of butter," writes Polyp. "then dip your bullion in it. Carefully remove to wire rack and place in refrigerator to set. When the butter has chilled, you can't tell the ingots from the real thing! Store in butter compartment until the London fix is right. To avoid confusion, keep real butter in cheese compartment.

'Of course, if you have 15 or 20 ingots, all that butter may make a burglar suspicious," adds Polyp thoughtfully. "Just roll a few of them in cracker meal, put them in the freezer, and the thief will think they're fish sticks."

Third Place - Protecto-Pet's "Suburbia" kit vipers for every wall safe, plus your choice of a lion or grizzly bear (guaranteed housebroken, and had shots) for complete protec-"Indoor-Outdoor" - to James Rex Prosciutto of Incontinent, Texas, for an idea that not only thwarts yeggs but tends to entrap them.

'On the enclosed chart," he writes, "note Homes A, B, C and D on one side of the alley, and Homes E, F, G and H on the other. Each

home owner possesses two automobiles, which are kept in garages of other homes: Home A, for example, will keep one auto in Garage F, and one in H, while C has autos in E and

application of the old 'shell

DODDDDD spokesman Lt.

Col. Kong Salvos. "You

have a series of modules,

module, the others are dummies, except for one, which

explodes if tampered with.

domly about the tracked

"The family lives in one

The modules move ran-

set on railroad tracks.

explains

"When Homes A and C want to go out for the evening, they walk through the back yard to Home H, fetch their autos, and depart. A thief, observing the departing autos, will take Home H to be easy pickings and receive the shock of his life when he is taken into custody by Home owner H and the kiddies

Second Place - Alamo

'shell' to the next. Each shell is the facade of a standard two-story home. The burglar will never know which home is the 'lived-in' one, and after a couple of the explosive modules get triggered, well, word will get around.

"Right now the NX is on the expensive side," said Col. Salvos, "but as we get into production it should run no more than the California bungalow ..

Grand Prize - A complete moat and drawbridge from Camelot Landscaping (alligators not included) to La Rue Macadam of Cest La Vie, La., who gives most of the credit to his wife, Avenida.

Macadam's technique, which he calls "Honey, Where's the Mayonnaise?' proceeds in two phases: The first phase consists of

circuit, rotating from one asking your wife, the day before you are going to be away, to hide all the valuables. Next day, as you are about to leave have her make a list of where she hid them. Using this list, write a note to the prospective burglars and put it where they will be sure to find it first thing. An example:

"To make your job easier, I will tell you where my wife hid our valuables.

Her fur coat is in the upstairs hall closet, behind some old dresses I'm going to give to Goodwill.

'My golf clubs are in the kids' room in the corner behind the bed.

"Her jewelry is in a yellow Tupperware container on the second shelf of the refrigerator, way in the back on the right-hand side. Please don't tip over the tuna fish.

strongbox with our stocks and bonds in the pantry, in the bottom of my green toolbox, which is on the the bottom of my green floor behind the door.

"The camera equipment is in a desk in the playroom, middle drawer right side.

Thank you very much. Help yourself to the potato chips, which she says are in the second cupboard from S the sink. The Macadams.'

Macadam reports that in the 74 Cest La Vie households that have tried his technique, 82 percent of the residents have returned home to find the burglar sprawled unconscious where he beat his head against the wall, and all their valuables untouched, such as her jewelry, in the blue Tupperware container, on the third shelf under the Velveeta, right where she



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Insulation cuts cooling costs

will be beating down upon amount of heat that flows us with all its heated intensity. And, we'll end up in our usual summer dilemma: "Should I run the airconditioning full blast, to keep my body cool and my head from swelling? Or should I shut the air-conditioning off and keep my

swelling? That decision can be a lot easier to make if you consider installing fiber glass insulation in your attic.

electric bills from

According to experts at the Certain Teed Home Institute, by insulating your attic properly, you can maintain a cooler climate and save money on cooling costs in your home. Thus, your air conditioner will not be needed as much to maintain a comfortable level.

Saving cool air Though insulation is usually thought of as a way to save heat during the winter, it's just as effective in saving cool air in the summer months.

Why? The reason is quite simple, according to Joseph sulation to your attic (it Kimpflen, energy expert at even has handles for conthe CertainTeed Home venient transportation). Institute: "Insulation Tear open the bag, unroll materials restrict the flow the blanket between the of heat. Thus, proper joists (it's made especially amounts of insulation can to fit), and then tuck the inretard the flow of heat out sulation neatly between the of the home in the winter, attic joists.

Soon, the summer sun as well as restrict the into the home in the summer."
Fiber insulation

If your attic is not properly insulated, Kimpflen recommends getting some fiberglass insulation as soon as possible.

"It's an easy do-it-yourself project — if you can lay a blanket on a bed, you can put down a blanket of insulation in your attic and there are some very important advantages to buying insulation now," claims Kimpflen.

"Traditionally, people purchase insulation in the fall, before the cold of winter sets in," he reports. "And, because almost everyone wants the fiberglass insulation at the same time, the product

becomes scarce.''
Easy installation

As far as installing the insulation yourself is concerned, it's as easy to add fiberglass insulation to your attic as it is to save energy

with it. You simply take the in-

Air conditioners need maintenance

Heading the spring maintenance list of any home owner should be a thorough check of the air conditioning system to achieve maximum energy efficiency, according to Dave Moore, vice president - Customer Services

at Amana Refrigeration, Inc.
"A thorough cleaning and librication will add extra years to the life of your air conditioning equipment and save you money on electrical bills by allowing the unit to

operate more efficiently," Moore said.

He suggested several simple do-it-yourself maintenance items before starting a room air conditioner after winter:

Clean or replace the air filter.

* Clean the evaporator and condenser coils. If possible, remove the unit from the window and clean the exposed condenser coil with a vacuum or a stiff brush, being careful not to damage the coil's fins.

* Check the fan motor. Even for "permanently" lubricated models a few drops of oil will improve efficiency. SAE 20 non-detergent motor oil is best.

* Touch-up paint on chips and rust spots and a coat of car wax on the outer cabinet will reduce weathering. When re-installing window room air units removed

during the cooler months: * Make sure rodents and bugs have not gotten inside. * Tip the unit slightly to the outside so water will drain

toward the condenser coil. Check electrical circuits to loads haven't been added during the winter that would lower power available to the unit.

On central air conditioning systems:

 Clean or change the air filter. * Adjust the blower fan to cooling speeds if it was changed for the heating season. The fan motor may also need lubrication. Use the same SAE 20 non-detergent motor oil.



Proper amounts of fiber glass insulation will restrict the flow of heat into a home during summer, and slow the flow of heat out of a home during winter. The use of the insulation allows homeowners to make significant savings on the summer cooling and winter heating bills.



Suspended ceiling is easy home project

remodeling your home, textured patterns. don't overlook what's

If a glance upward finds cracked and stained basement — unsightly exposed plumbing, wiring and joists, consider installing a suspended ceiling as a weekend do-it-yourself pro-

"It's easy and economical, and will help brighten any room," notes Harry Hill, marketing manager for Owens-Corning Fiberglas Corporation, a leading manufacturer of residential

No fancy carpentry is involved. The panels are simply laid into place in securely locked aluminum

Fiberglass panels are readily available and come

When redecorating or in a variety of decorative

Hill stresses fiberglass panels are lightweight and flexible and have a 'hush' value, absorplaster, warped or sagging bing up to 85 percent of ceiling panels, or — in a noise striking their sur-

> The lay-in panels are supported by a grid system of the metal framing which is suspended from the existing ceiling by wires.

> 'Neither brawn nor manual dexterity is needed to install the grid," Hill adds. "And the only tools you'll need are the common household kind - hammer, level, tin snips, screwdriver, pliers, steel tape measure, knife, nails and ladder.

"As for materials, your local building supply dealer can tell you exactly what's

Concluded on Page 44



Installing a suspended ceiling is easy once you've decided how high you want your new ceiling and have marked this height with a line around the room:

Nail the edge of the angle strip (1) even with the line, using ordinary 11/2 inch nails. The angle strip forms a ledge around the walls of the room to support the main tees and perimeter.

Hang the suspension wires (2) every four feet along the ceiling. These wires will suspend the main tees from the existing ceiling.

After installing the main tees, insert the cross tees (3) into the main tee slots provided, The main and cross tees form the grid that supports the lay-in panels.

Finally, simply lay the panels into the grid (4)



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Suspended ceiling can brighten room

needed - the number of grid components, ceiling panels and so on - but be sure to have measured your dealer can provide you accurate information.

Hill emphasizes that the keys to success are careful ports the lay-in panels. planning and measurement.

planning tips to get you going in the right direction.

五

Measure the room straight or parallel even though they may appear to screweyes. be - the more measurements, the better.

Plot the measurements on a piece of graph paper with each square the necessary materials, representing one square you'll be ready to begin of foot. You'll eventually work. come up with a drawing

- Decide which way you want the grid pattern to ceiling at any height as long run. If, for example, your room is long and narrow, you may want to create an effect of greater width by installing the rectangular panels perpendicular to the length.

Finally, calculate the number of panels needed, by sketching their placement on your drawing.

In describing your needs, the dealer will probably use a number of ceiling terms unfamiliar to you. Here are a few you should know.

Wall angle strip - an L- feet along the ceiling. shaped aluminum strip nailsupport the "main tees" the suspension wires

Main Tees - 12 ft., Tshaped aluminum strips that extend from one wall to room carefully so the another, resting on opposing wall angle strips. Coupled with "cross tees," they form the grid that sup-

Cross Tees - 2 and 4 ft., T-shaped strips that in-He offers the following tersect and lock into the main tees.

Suspension Wire - 18gauge wire that suspends carefully. Remember, the main tees from the exwalls are not always isting ceiling. It is fastened to the old overhead by

> Screweyes - simply, screws with an opening at

Once you've obtained all

First, decide how high that resembles your ceiling. you want the ceiling. (You can install your suspended as you leave 2 inches beneath the existing ceiling.) Add an inch to that height to allow for the width of the perimeter angle strip. Then draw a line, on all four walls, to mark the

> If, for example, your ceiling is to be 8 ft. high, draw the line 8 ft. 1 in. from the floor. Next, nail the top edge of the angle strip even with the line, using ordinary 11/2 in. nails

The rest is easy: Hang the suspension wires every 4

- Put up the main tees, ed around the walls of a resting the ends on the wall room, forming a "ledge" to angle strips and fastening

and perimeter ceiling pan-through the holes provided. Insert the cross tee

ends into the main tee slots provided, and bend the locking tabs

Finally, lay in the ceiling panels, starting at the perimeter of the room.

'If border panels must be cut to fit," Mr. Hill notes, 'you will have to do one of two things, depending on the type of panels you've bought. Three main types are available - vinvl-faced

fiber panels and mineral the ceiling panels in the ment brighter and quieter. fiber boards — and each must be trimmed differently."

The fiberglass type is supple, he explains, and can easily be cut with a utility knife. This suppleness also makes installation easy the panels can be "bent" to fit into corners and other tight places.

Once you've cut the installed the border panels, cluttered overhead.

fiberglass panels, wood simply lay the remainder of grid.

To bring out the beauty of your ceiling panels, give them one final touch.

For fiberglass panels, wipe the vinyl facing clean of fingerprints with a damp cloth.

Whichever panel type you use, your new ceiling will provide benefits beyond concealing a damaged or

since lay-in panels reflect light as well as absorb sound," Hill explains. And you'll still have instant access to the ducts.'

For additional installation tips or information on fiberglass panesl, Hill suggests you write to X.M. Meeks, Owens-Corning Fiberglas Corporation, Fiberglas Tower, Toledo,

noosing washer can confuse

By GENE GARY Coopley News Service

Q. I am confused over faucet washers. A friend of mine who is a plumber says use only flat washers, but another plumber who came out to do some work at my house says the type of valve seat determines whether a flat or tapered washer should be used.

For hot water faucets, still another plumber tells me that hard washers are best but soft washers are recommended by my friend who is a plumber. Can you clear up my confusion?

A. You can get three kinds of washers for your faucet. Two of them, Neoprene and Buna, are made of synthetic rubber and are relatively soft, while the third kind is made of hard fiber.

Fiber is the original washers. Burt fiber washers do not make a seal as complete as the synthetic rubber

developed after World War II. However, fiber washers do not expand when they become hot. This feature makes fiber washers excellent for use on hot water faucets.

A soft Neoprene washer on the hot side will keep you forever playing with the faucet to maintain a steady flow of hot water. The problem is that neophrene washers expand quickly as water rushing through the faucet becomes hotter and hotter.

Tapered washers expand even more readily than flat ones even though a tapered washer will make a tighter seal on an older faucet when the seat is bound to be worn.

Buna washers are neither too hard nor too soft, and I would say a flat Buna is your best bet on most hot water lines. Neoprene. material used in faucet tapered or flat, is fine on the cold side. I hope all this doesn't add to your

confusion. Q. Please outline the best aluminum sash windows. Professionals have applied conventional glazing compound used on wood and metal. This cracked and allowed the rain to come in. Next a metal - type compound was used, but this also cracked and leaked. What do you suggest? - R.P.L., Lemon Grove, Calif.

A. Perhaps putty, not glazing compound was used or the glazing compound was defective. Remove all of the present cracking material and reglaze. Do not prime metal windows before glazing. Glazing compound should remain elastic for a long time and should not chip or fall out as easily as putty when applied to aluminum windows

Q. The fluorescent light in the kitchen takes a long time to light. Sometimes it will not turn on until we flip the wall switch several times. Can you tell us what

is wrong? Roger M.N. A. It is probably due to a

replacements which were method of sealing defective starter, or one starter is inexpensive. It plugs into the socket at the end of the fixture. Unless you are familiar with fluorescent lighting, ask a friend who knows how or an electrician or an electrical dealer. Really, it is a simple replacement.

Q. I would like to know where to get some plans for gazebos, lath houses and other garden structures, but most important to me are the gazebo designs. I have exhausted sources at the library. - Joseph W., La Mesa, Calif.

A. I suggest you visit a large bookstore and look under the house and garden construction category. Or contact large lumber and building supply dealers.

Another possible source is Sunset magazine, which is published by Lane Publishing Co., Menlo Park, Calif. 94025. They put out many "how to" books and pamphlets on various types of home projects.





Indoor gardens not difficult

the visitor taken a step or two than his or her eye is attracted to an atrium that is filled with beauty.

This is our pride and joy," says Dalton, pointing to the numerous house plants that comprise the atrium.

Raising house plants is a hobby both the husband and wife can do together and it's something that you can take a lot of pride in," adds Dalton. "For example, we have two cactus gardens, one of them blooms regularly - and profusely."

Among the other plants that are sprouting in and around the Dalton house are five orchids, four hanging baskets including an English Ivy from his grandfather's house, lots of jade plants, a Fatsia Japonica, over 50 azaleas and dogwoods.

Dalton, an engineer for RJR Archer, Inc., believes that anyone can grow house plants successfully by being aware of four key areas.

Light levels - "You need to be careful in positioning house plants so that in the morning, noon and afternoon they will be subjected to light levels that fit their needs," he states. He suggests that interested individuals buy books on house plants to learn the needs of each plant. "Most true house plants require moderate to low light levels," says Dalton. "Philodendron, for example, requires not much light; don't put it where the plant receives little light in the morning, but gets direct burning rays in the afternoon. Orchirds are the

to study up on each drab winter months.

Walking into Bob Dalton's individual plant. You can't home is like stepping into a water all of them on the greenhouse. No sooner has same schedule. For example, a fern needs to be thoroughly drenched, then allowed to almost dry out. Whereas a Philodendron should stay slightly moist all the time.

> Relative humidity -"If the plant requires a relatively high level of humidity, line a shallow pan with rocks, bring water almost to the top of the rocks, and then set the plant pot on the rocks. The water will evaporate out of the pan to provide sufficient humidity. Again, each individual plant can be different," continues

> Temperature "Generally, house plants will do well in the same temperature range that most people are comfortable with. There most are some precautions that should be heeded. Don't place a plant too near a window in the winter as even a small draft may be too much for the plant. The reverse is true in the summer; direct summer sun through a window may dry out or burn most house plants. Cactus is an exception. They love a hot sunny window and will thrive under these conditions.'

Continuing, Dalton says, "if you have a shady spot in your yard, you can use it to produce some truly spectacular house plants. Move your plants outside in the late spring after all danger of frost is past. The natural wind, rain and humidity is like a tonic for the plants. When it is time to bring them in, in the fall, you will have som ehealthy and unusually much larger - Moisture - "You need plants to enjoy during the



Bob Dalton and his wife say the atrium in their home is their "Pride and job." Dalton says, "Raising house plants is a hobby that both the husband and wife can do together and it's something that you can take a lot of pride in.'



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ne DAILY REPORT, Thurs., March 20, 1980

Dramatic food gardening rise predicted in 1980

UPI Family Editor

year, a two million increase over 1978.

That's only the beginning, says Jack Robinson.

Robinson predicts a conditions exist that more, they have more time home gardening hit an all-Etime high. Forty-nine percent of all households had vegetable gardens that

Robinson's figures are from the 1979 National two percent of 68-million Gardening Survey, an households planted food annual study by the Gallup Organization for Gardens for All, the Burlingtonbased. membership group and Robinson heads. Gardens for All helps organize community gardens and publishes gardening materials.

Forty-one percent of the nation's 78 million households had food activities were gardens this year, the Gallup survey showed. Findings are based on more than 3,000 personal hobby — 70 percent interviews projectable to —Reading books

Robinson thinks the Thirty-three million recently released 1979 American households survey may mark the end of planted food gardens this a gradual decline in food gardening that began in

He anticipates a big increase because of rising prices for both food and fuel dramatic increase in 1980 for transportation. Because because the same economic people are staying home occurred in 1975, when for gardening and other leisure activities.

Even so, food gardening was only number eight on a list of 30 activities showing how Americans used their free time this year. Fortygardens.

But if you combine the outdoor food gardens with non-profit indoor houseplant growing other outdoor gardening (flowers, fruit, yard care), the activity moves into second place, only 9 percentage points behind number one, unquestionable watching television.

Other high-ranking

Listening to music — 76

-Cooking and baking as a -Reading books

-Making pleasure trips - 59 percent

Watching professional sports on TV — 50 percent

-Sewing and needlepoint 46 percent

Despite the high visibility of joggers, roller skaters, bicyclists and other active sportspersons, general exercise and physical fitness came in ninth, one percentage point below food gardening.

About one third of the gardeners in the 1979 survey have been tilling the soil for less than 10 years.

The study showed four million new gardeners picked up spade and hoe this year, but half dropped out because of poor health, loss of gardening space or

Parliament is

In Britain an act of Parliament, if its meaning is clear, cannot be challenged. No court can review its constitutionality, and the monarch no longer exercises veto power.

- Mulches insulate the soil from the sun's warming

disappointment with their

Those who stuck with it

On the food garden front,

two things never change.

Tomatoes remained the

most popular vegetable and

economics, the major

reason. Reasons two and

three were are fun and

better tasting food.

harvested produce worth

\$13 billion. Their average cost per garden — \$19. Average dollar yield — \$386. Total net saving —

efforts.

rays, making spring frost hazards a greater risk. Wait until late spring to apply mulches in the vegetable garden, when they will do the most good to keep soil temperatures down and reduce water loss.

— Remember to sow vegetables like lettuce, radishes

and corn in successive plantings to lengthen your harvest

Form flower buds in sunny conditions and they will bloom successfully after moving the plant into the shade. This means that annuals can provide portable color throughout the summer - just put them back into the

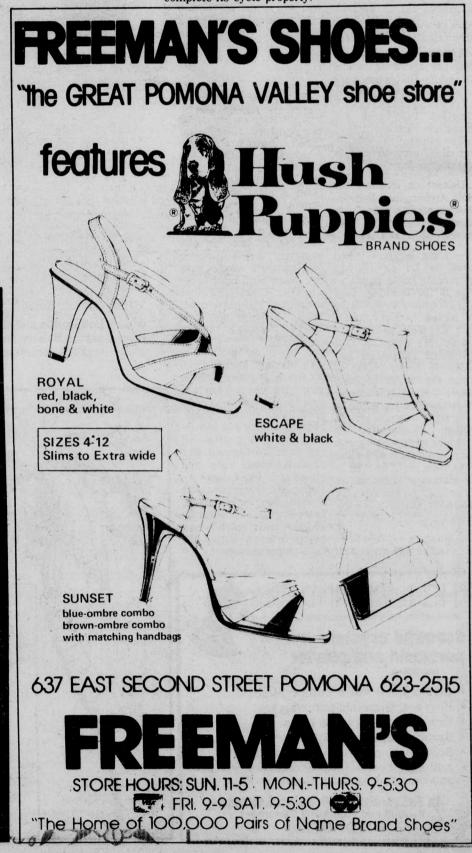
sun to produce more bloom.

— The vegetable garden plot that doesn't receive a full day of sun will do quite well growing vegetables for their leaves and roots such as carrots, chives, lettuce, mustard greens and beets.

- Once the danger of frost has passed, it's time to plant citrus. Check with your nurseryman for the ones which do best in your area

 Don't cut back the drooping tops of your spring bulbs as soon as the flower fades. The bulb underground has to ripen and store food provided by the leaves in order to complete its cycle properly







Simple charm in mature houses

Most people choose their houses for love, not money.

Even buyers who boast of snapping up an older house "for a song," are usually noting in the next breath, its sound construction, old - fashioned charm and

And why not? Older homes often offer all of the above and more. Mature landscaping, airy rooms, French. doors, wood floors

Outdoor Trend Recent

A prized front porch sweeping the width of the house may exude a feeling of warmth and welcome, but it's a pain when you try carrying food and drink through the house for alfresco entertaiing there.

Earlier generations were happy to dine in the dining room and party in the parlor, after a six-day, long-hours

So many of us work at desk or static jobs today that we need the refreshment of outdoor meals, work in the garden, the serenity that flows from spending part of each day outdoors.

Remodeling the outdoors can contribute to a home's history (every home has one, no matter how modest). If other generations have given the house its character, we can pick up their cue to create an open air extention of its hospitality and grace.

Deck Expands Living

For one house with a Cape Cod profile, owners visualized an outdoor living area as roomy and comfortable as the existing interior.

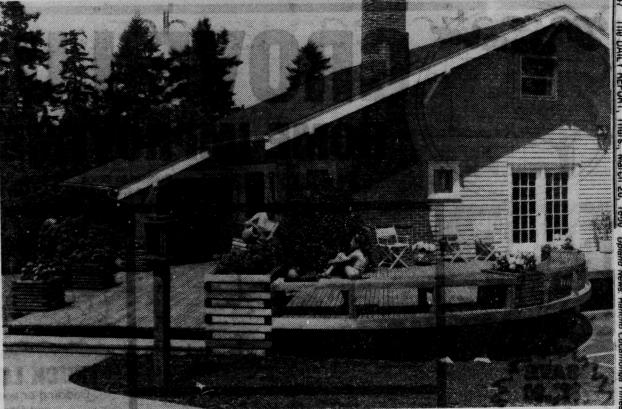
Their answer, a flowing deck wrapped around one side of the house, first creates attractive access from the driveway to the front porch, then continues for half the depth of the house past French doors that open from the dining room, to form a beautifully functional leisure

The decking, which is 2x4 - inch western cedar, complements the bevel siding, stained a soft hue to harmonize with the crisp yellow and white of the house.

Blooms, Benches at Borders

Flower - filled planters and benches mark the leisure deck's edge in a graceful curve; planters and benches mark the leisure deck's edge in a graceful curve; planters along the entry section are in a straight row.

The two ten-foot benches reflect the low profile of the house in a harmonious blend of old and new construction. The seats are made of benderboard 3/8-inch thick and 31/2 inches wide, set on edge with spacers between.



This spacious, all cedar deck serves three ways: It's a tidy, inviting route from driveway to porch, flanked by bloom-filled planters. It's a broad

leisure deck, with curving perimeter benches And it complements the low Cap Cod design.

Winter no time to end seed planting

 Do you know three vegetable crops that can be in the ground a full month before the last frost date? How about the ten crops

that can be planted two weeks before the last frost? And do you know exactly when to start seeds indoors for your climate?

The three cold - hardy crops are garlic, onion sets and English peas. In fact, some northern gardeners plant garlic in December,

and begin the harvest in late June.

The ten crops that can go into the ground two weeks before last frost include such favorites as broccoli, cabbage, carrots and leaf

Certain seedlings should All, be started eight to twelve Associ weeks before average last frost date. They includ early tomatoes like Pixie and Stokes Alaska, celery, any area, which is available

BURLINGTON, Vermont let it winter underground, and Spanish and Bermuda from the Extension Service onions.

mystery establishing proper indoor and outdoor planting dates has been eliminated by a chart in the winter edition of the Gardens for All News, the membership publication of Gardens for The National Association for Gardening, a non-profit organization.

By establishing the average last frost date for

or experienced gardens, the chart allows precise planning of both planting and harvesting. It is even possible to plant so the biggest harvest doesn't come in just when you head away from home for vacation.

For a free copy of the publication containing the chart, write Winter News, Gardens for All, 180 Flynn Avenue, Burlington,



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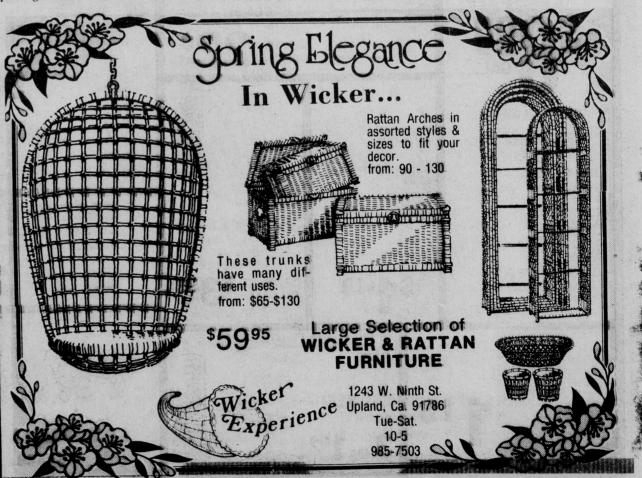
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